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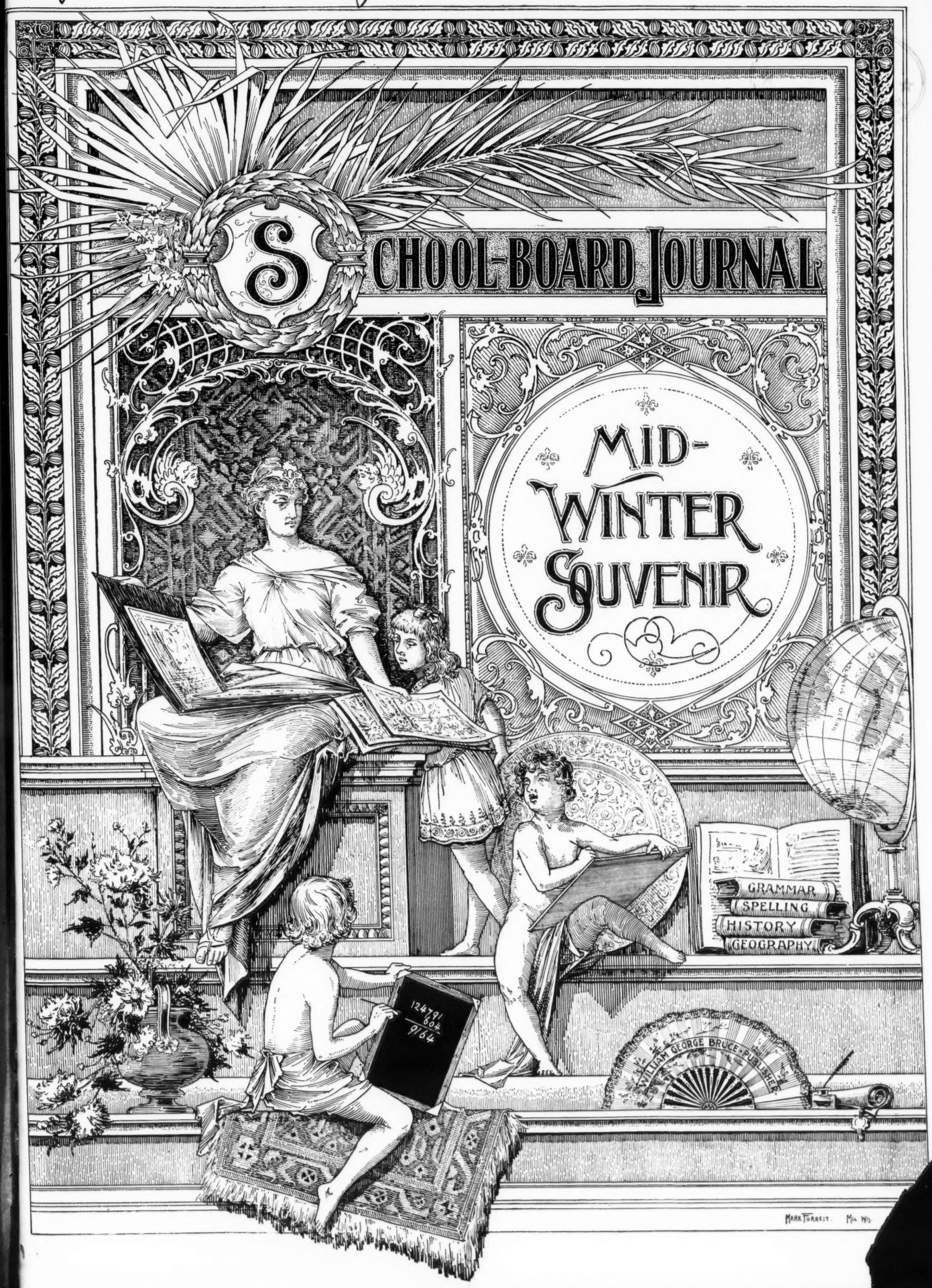
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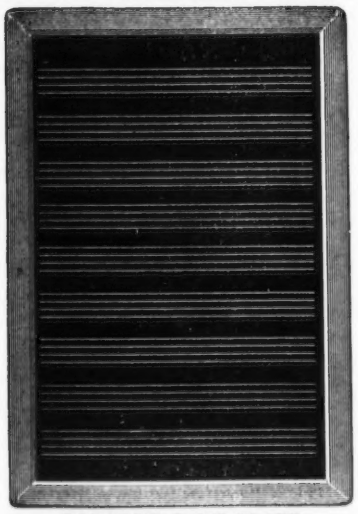

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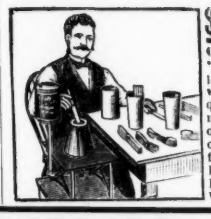

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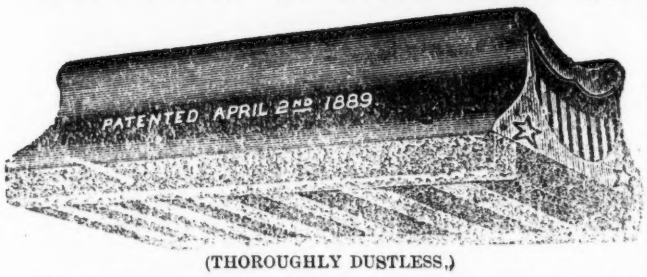

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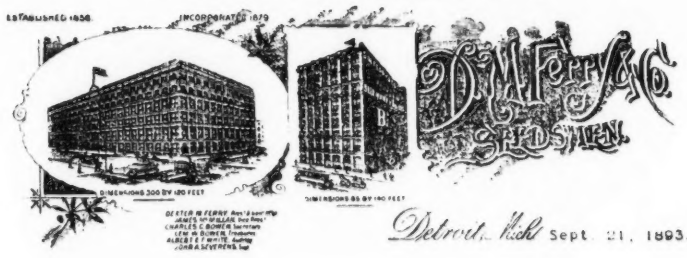

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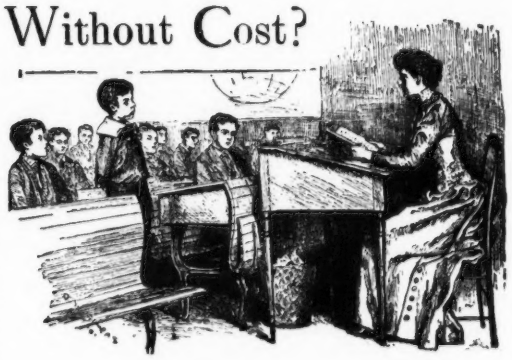

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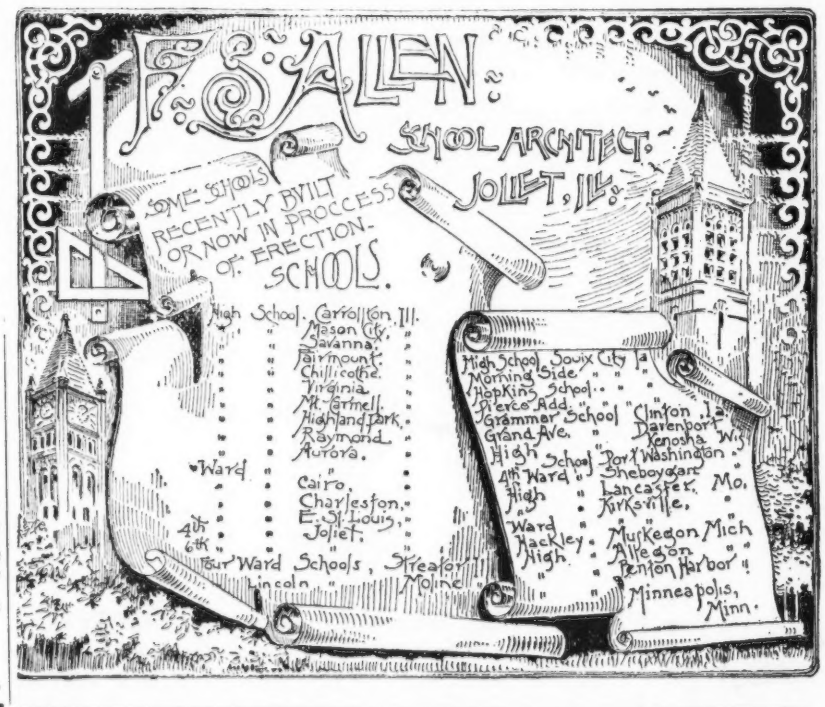

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SCHOOL BOARD JOURNAL

DECEMBER, 1893. VOL. V. No. 12.

THE OLD SCHOOL MASTER.

A CHRISTMAS STORY.

"What ails you, dear old papa? Has anything unpleasant happened?"

The young girl raised her beautiful dark eyes from the needlework in her lap, and looked at her father as he entered the room.

The old schoolmaster had indeed brought with him a gloomy countenance. This, however, did not prevent him from placing his cane and his hat in their accustomed places in the most exact manner. His class had observed his abstraction which he could not well conceal.

"Nothing of consequence, my child!" he replied, and then retired to the next room where he exchanged his black frock coat for a lighter garment.

Soon the evening meal was brought in by Mrs. Millmann and the servant, and the little family gathered about the table.

Mrs. Millmann was not long in discerning the expression on her husband's face. His duties as professor of German and French at the high school were arduous, and in his family circle his manner always plainly indicated his frame of mind. The holiday vacation would now give him the needed rest.

"Well, Heinrich," said she, in that pure German which characterized their domestic intercourse, "you will visit the new superintendent?"

"Yes, of course," growled the old school master, making an impatient stab with his fork into the steaming bacon.

"And when will you see him?"

"Tomorrow."

The young girl started and blushed while her mother seemed frightened at the prompt reply.

"But you have not been officially commanded to appear before him?"

"I have. Would I visit that young upstart to talk about the weather?"

"Well, I hope there will be no harsh words between you," added Mrs. Millmann, and drew the conversation into another direction.

Although still in an impatient mood, Prof. Millmann took a seat, as was his custom in the evening, in a large easy chair which stood in the corner. Here he would smoke his cigar, glance at a book, or take an occasional nap. This evening, too, the pretty daughter sang a song to lighten papa's cares. But evidently she did not succeed. With a grim look he followed the ringlets of smoke as they faded towards the ceiling. At last he spoke.

"This visit is distasteful to me," he began. "I don't like to meet young Sibley."

"And why?" remarked Mrs. Millmann, "he will certainly meet you pleasantly."

"Oh, yes I know. But you know I dislike him. His attentions to Elsie when he took private lessons here——."

"But let us presume that the two are fond of each other—he would make a good son-in-law."

"Now see here," said he excitedly, "this nonsense must stop *now* and for all time. He's an American and we are Germans. We don't mix well. We go a steady gait. Young America travels fast, altogether too fast. Do you expect me to greet my son-in-law as my superior in office. Never."

"What harm could there be!" said Mrs. Millmann complacently, "he holds an honored position. Elsie is our only—"

"Stop! not another word." cried the professor resolutely as he rose from his chair and walked back and forth, "absolutely not another word on this subject."

With a deep sigh Mrs. Millmann resigned herself to the inevitable.

After giving some instructions to Elsie as to his valise which was to be in readiness early next day, he retired for the night.

Elsie had resumed her needlework but dropped it frequently to allow her beautiful eyes to relapse into a dreaming gaze, seemingly towards the bunch of cut flowers on the table. Suddenly, as if some new thought had come to her, she laughed, and recoiling herself quickly looked about to see if her mother had observed her. And when she seated herself at the old desk to write a letter it was with flushed cheeks. Many little sighs escaped her lips, and when the missive was completed, she quickly slipped out and posted the same.

Next morning the professor was up early and after partaking his breakfast in silence, he departed for the train, taking with him his valise which stood in readiness for him. The superintendent's office was in the next village, the county seat. Arriving at the courthouse he immediately repaired to the office of the secretary of the board, an old friend, who greeted him very warmly. He told him he would like to glance over some documents, courses of studies and such notes as he had in his valise, and would be required in the consultation with the superintendent. The affable manner of the old secretary put him somewhat more at ease. He would occupy the spare desk for a few minutes which was kindly placed at his disposition.

The old valise was opened deliberately and after fumbling impatiently over its contents for a few minutes Prof. Millmann turned with a look of disappointment to the secretary.

"Mr. Barnes, through an oversight of my daughter I failed to bring my documents. I will have to trouble you for some writing material." This was said in a manner as if suppressing extreme anger.

At this moment the young superintendent entered. With a pleasant greeting to Prof. Millmann, who scarcely looked up to him, he turned to the Secretary who was busied in finding the writing material.

"A stub pen did you say, Mr. Barnes?" he asked incidentally, "I believe Prof. Millmann always uses them. I can accommodate you."

"Well, yes," said the secretary with some surprise "that is what he wants, and a very thick penholder."

"Here you are," said Supt. Sibley taking out a stub pen attached to a very thick penholder.

Prof. Millmann looked at the superintendent as if beginning to become interested, but merely said, "Thank you, sir."

Turning to his desk as if he were about to proceed with his work he began to glance about helplessly then searched his coat pockets.

"Perhaps you would like a pair of spectacles?" asked the young superintendent with a twinkle in his eye as he observed the professor's discomfiture, "I have an old pair in my office which may suit you."

In a few minutes Prof. Millmann placed the spectacles on his nose and nodded approvingly.

"They are not exactly fitted for my eyes. The left one requires a stronger glass. They will do however," and recovering his former reserved manner added, "Thank you, sir."

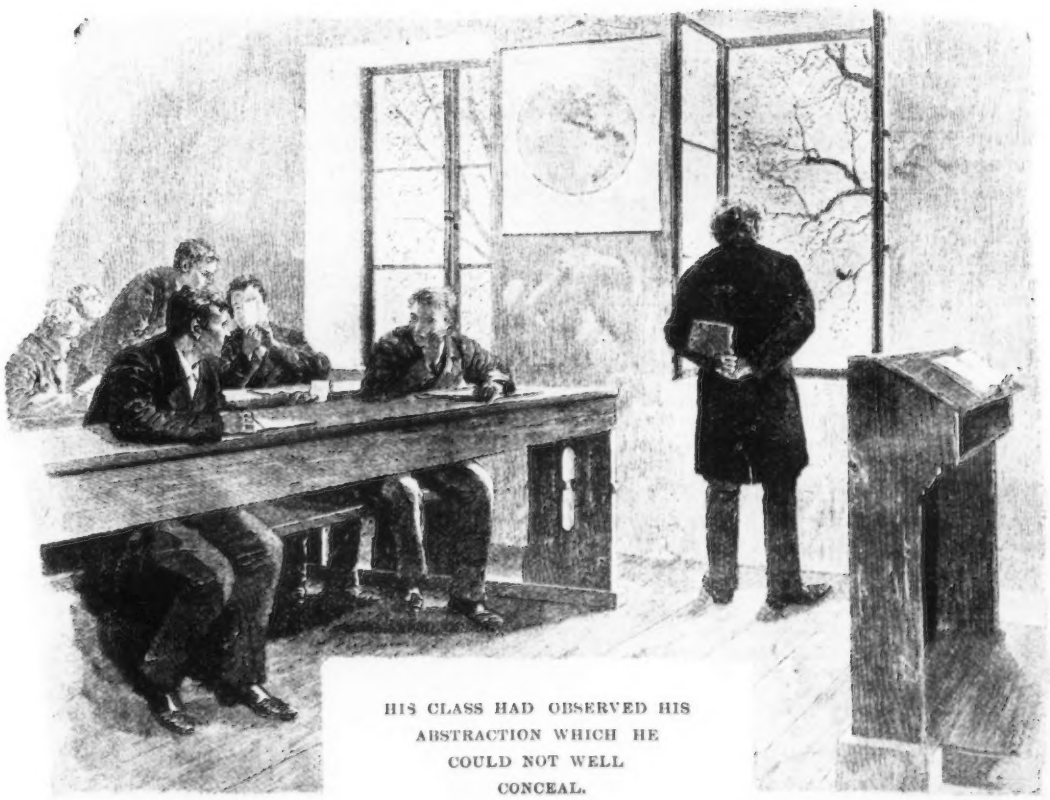
The superintendent came into the room, and looking at the teacher, said to him:

"I will be ready to meet you at the appointed hour."

"Very well."

The young superintendent then repaired to his office and after giving a number of directions to his assistants, receiving teachers and such visitors as usually frequent such an office, he turned stealthily to a note which he drew out of his desk.

It read as follows:—Dear Frank: "Papa is coming to see you in answer to your notice. I packed his valise and forgot to enclose his documents, spectacles, pen holder and stub pen, (an intentional over-



HIS CLASS HAD OBSERVED HIS ABSTRACTION WHICH HE COULD NOT WELL CONCEAL.

sight.) They are sent herewith. You will understand. Use them with discretion. Papa is a dear good soul. He means all for the best—but does not know you as well as I do. Your Elsie."

When the conference between the old professor and the young superintendent began, the former deplored the absence of his notes, etc. At every point which came up for discussion the superintendent seemed to help him out wonderfully. At every turn it seemed to Prof. Millmann as if his ideas were in some way anticipated by the superintendent. He was a young man of rare acumen in language studies. "Pretty bright fellow after all," he thought as he peered at him more closely over his glasses.

The young superintendent had laid out a vigorous plan in school management and results obtained even during his short term of office had proven promising. The advice and suggestions of Prof. Millmann were drawn out. There seemed to be an accord between the two men which rather mystified the old professor. He worked harmoniously with the policies as laid down by the superintendent; in fact, they agreed exactly with his own convictions.

AND AGAIN THE OLD PROFESSOR SAT IN HIS ACCUSTOMED CORNER.

The secretary, after the work of the day had been completed, invited the old professor to dine with him.

"Come, old fellow," said he cheerfully, "let us chat over olden times, I have also invited Mr. Sibley."

It was with considerable reluctance that the professor finally accepted. Slowly he laid down his spectacles and stub pen, and as he did so turned to the superintendent:

"Permit me to thank you for the use of these. I should have been considerably embarassed without them. The glasses seem to fit my eyes even better than the pair I have at home."

"Indeed, I am glad to hear you say so, I will present them to you."

The professor, however, declined to accept them.

And as Secretary Barnes and Prof. Millmann walked arm in arm accompanied by Supt. Sibley an animated discussion as to woman's place in education arose between them. The professor believed in male teachers only, while the young superintendent defended woman's place in the school room, and when later while gathered at the dinner table the subject was resumed the two men crossed swords of argument most vigorously. Secretary Barnes good naturedly declared the contest a draw for the present, to be resumed and settled at some future time.

In the morning, the old schoolmaster took his departure, not without, however, insisting that the secretary and his family come over and spend Christmas eve at the Millmann homestead.

"And by the way," he added, "bring young Sibley with you. Clever rascal. You know I never had much use for him, but——"

Well, Christmas eve came. And so did Secretary Barnes and his family. The Millmann home was radiant. A German "Christbaum" graced the best room and the air was filled with the fragrance of fir trees and fruits. Elsie looked contended. She was busied in assisting the servant with the fat roast goose which was to serve as the central attraction to the Christmas dinner.

The professor looked disappointed. He finally turned to Secretary Barnes. "What did you do with young Sibley?"

"He refused to come—said he required a more direct invitation."

"Indeed!" growled the professor, as he glanced over to Elsie, "quite a ceremonious fellow and a stubborn one, besides;" turning to Barnes, "yet I like that sort of independence."

Just then the servant announced a visitor. It was Frank Sibley.

"I wish to leave a package for Miss Elsie," he said, it contains several things which belong here, and——"

"Which belong here?"

"Yes, well—I mean—"

"Never mind, we will just see," and the professor deliberately opened the package which disclosed his own documents, spectacles, thick penholder and stub pen, to the gaze of all who were gathered around him. For a moment he stood speechless. The frightened look of Elsie; the surprised grimace of Secretary Barnes, and the painful silence of Supt. Sibley, presented a scene at once dramatic and novel.

Slowly the professor turned to the young superintendent. "Now I understand. How dare you do such an imposition," and in a milder tone, "Frank I want you to share our Christmas dinner. You always was clever——"

And when Elsie threw her arms about the old professor he exclaimed:

"And he may sit beside you. You sly puss, you managed well. Frank is right, women are natural teachers. You taught me a lesson,—the solution to your happiness."

THE END.

OLD SCHOOL PUNISHMENT.

Old Master Brown brought his ferule down
And his face looked angry and red.
"Go, seat you there now, Anthony Blair,
Along with the girls; he said.
Then Anthony Blair, with a mortified air,
With his head down on his breast,
Took his penitent seat by the maiden sweet
That he loved, of all, the best.
And Anthony Blair, seemed whispering there,
But the rogue only made believe;
For he peeped at the girls with the beautiful curls
And ogled them over his sleeve.

Supt. Schaeffer of Allegheny, Pa., is of the opinion that the school directors are not obliged to close school on election days.

SCHOOL BOARD ITEMS.

The London school board has engaged ten dentists at a salary of $750, whose duties it is to examine the teeth of the scholars of the different schools of London.

At Flint, Mich., it was decided by the board to allow one primary teacher in each school to learn to teach, with no salary compensation, so that a corps of teachers might be on hand at any time to take up the work when vacancies occur.

At the St. Louis, Mo., election for school directors, the Australian system of balloting was followed as closely as possible without the booth adjunct.

J. W. Smith, of St. Louis, Mo., among other things, made the following remark regarding teachers: "Many of the present, teachers seem to think that the schools are to give jobs to certain spinsters that have been on the matrimonial shelf for the past 15 years."

The Blaine, Oregon, school funds have given out, and money to run the schools is being raised by subscription.

Superintendent Turner, of Spokane, Wash., is opposed to corporal punishment, especially condemning the violation of that portion of the law which prohibits punishment about the head and face, and announced himself ready to revoke the certificate of any teacher guilty of it, even to the extent of pulling ears or hair.

Superintendent Denfeld of Duluth, Wis, is working hard to get the National Educational Convention Association for Duluth in July.

REVERIES OF A TEACHER.

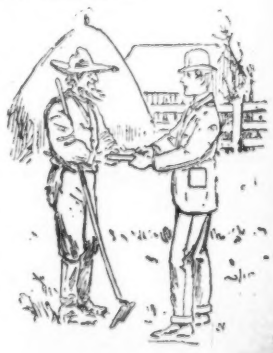
They are idols of hearts and of households;
They are angels of God in disguise;
His sunlight still sleeps in their tresses,
His glory still gleams in their eyes;
O, these truants from home and heaven,
They have made me more manly and mild;
And I know how Jesus could liken
The Kingdom of God to a child.

I ask not a life for the dear ones
All radiant, as others have done,
But that life may have just enough shadow
To temper the glare of the sun;
I would pray God to guard them from evil,
But my prayer would bound back to myself;
Ah! a seraph may pray for a sinner,
But a sinner must pray for himself.

The twig is so easily bended,
I have banished the rule and the rod,
I have taught the goodness of knowledge
They have taught *me* the goodness of God.
My heart is a dungeon of darkness
Where I shut them from breaking a rule,
My frown is sufficient correction,
My love is the law of the school.

A Text Book Adoption.

Book Agent—You had better make the adoption. The book is so well arranged, sir, that it will pay for itself in a short time."



District Chairman—Will it? Then begosh, I'll adopt it. I was afraid I'd have to pay for it."

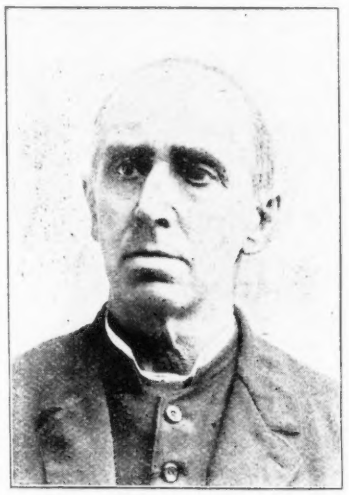
JONATHAN PIPER.

THE VETERAN BOOK MAN AND INSTITUTE CONDUCTOR.

It is a remarkable fact that at the age of fourteen weighing one hundred and sixty pounds, Jonathan Piper could neither read or write. To-day no man enjoys a higher reputation as an institute conductor and a book man, and no one has contributed a larger share to the educational development of, the great Northwest than he.

He was born 1830 in New Hampshire and received a common education in a district school. Later he continued his education in several academies. He was most of the time obliged to walk a distance of five miles to attend a school. Largely at the Hampton academy he was fitted for college and entered the sophomore class of Bowdoin College. At the age of 18 without any ability fitting him therefore, he taught school at Tuftonburough, N. H. After that he never taught school in his own state, only in places where teachers were "turned out" as being unable to govern the schools. At these schools he not only received more pay but his muscular Christianity was wonderfully developed. In 1853 he was employed to open an academy at Troy, Davis Co., Iowa, after which time he was actively engaged as conductor, instructor, lecturer, etc., in Iowa, Missouri, Nebraska and Illinois. In 1864 he was elected agent of the State Teachers' Association of Iowa, as conductor of institutes in that state and twice thereafter re-elected. Very few men in the United States have spent so many full weeks in conducting and instructing in teachers institutes as has Mr. Piper.

His book agency work began in 1864. As the wages of teaching were not an adequate support for his family, he en tered the employment of Taggart & Tompson, school book publishers of Boston, now known as Tompson, Brown & Co., as an agent for their publications. In 1869 for nearly a year he was in the employ of Iveson, Blakeman & Co., publishers of school books.

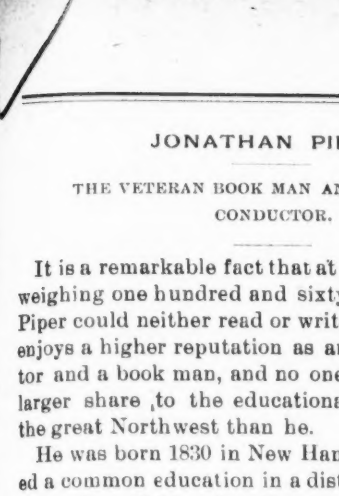


JONATHAN PIPER,
The Veteran Book Man and Institute Conductor.

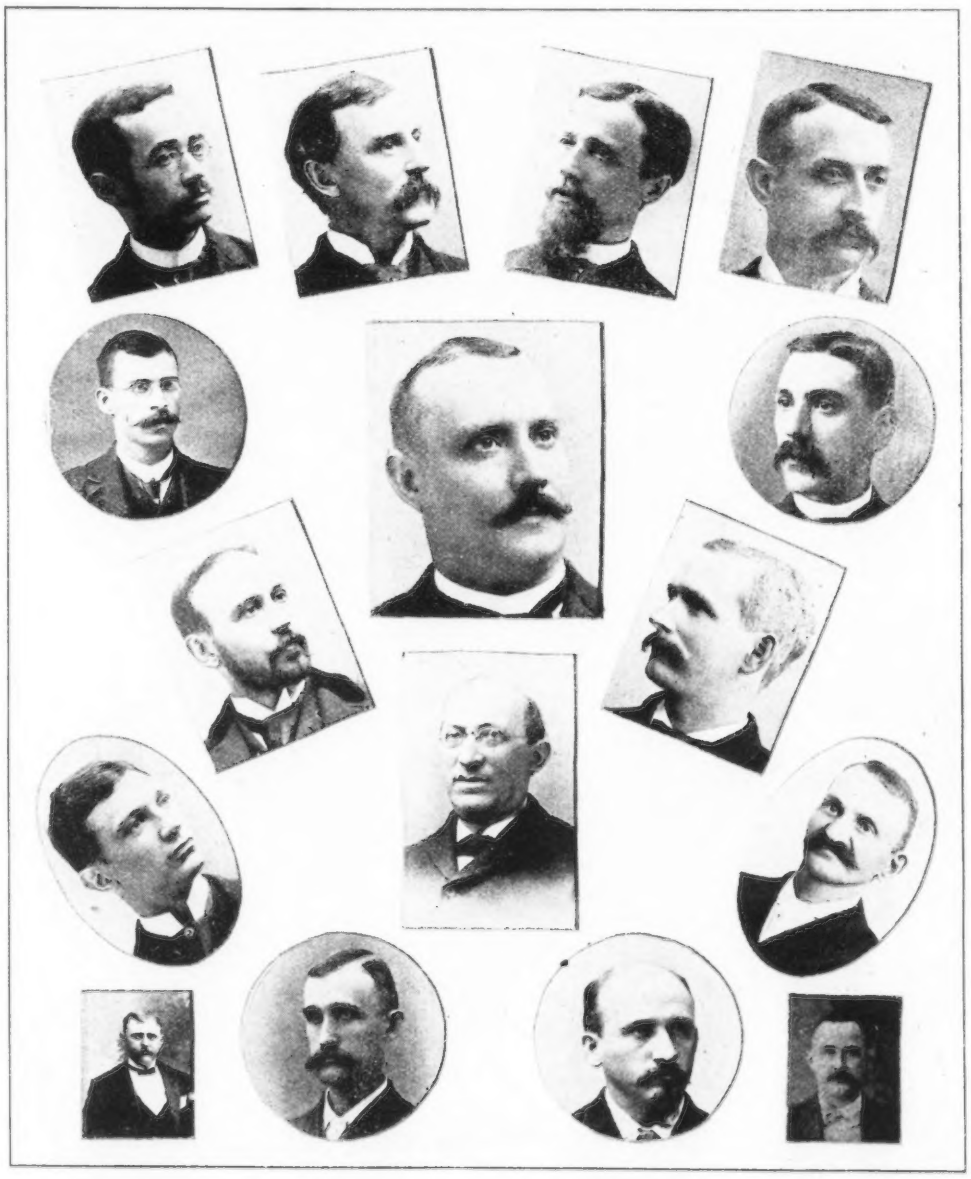
In the following year something like a revolution took place in the school book publishing business of this country by which all traveling agents wer taken out of the field. The publishers attempted to conduct their business without the agency work which had been in vogue up to this time. This new condition of things, however, lasted for one year only. The potency of the agent had been vindicated and then publishers hastened to place him again in the field July 1st, 1871. During this time Mr. Piper returned to the supervision of schools at Manchester, Ia. The following year, after declining to be a candidate for State Superin tendent of Iowa, he again entered the employment of Iveson, Blakeman & Co., and has been with them and their successors, the American Book Co., ever since. Much of this pioneer work would have been impossible had it not been for his connection, as a representative with a great school book publishing house. The severest test under that earlier pioneer work was in Iowa where institutes were conducted at which were collected teachers from the entire United States. At these gatherings it was not an uncommon thing for the conductor to find himself confronted by cranks and oddities, who could ask more complicated questions than a sage could answer and who were bent upon embarrassing the speaker.

Jonathan Piper was a man peculiarly fitted to meet attacks of this kind and to meet every emergency in the most successful manner. His aptness and mental resources won for him a wide reputation. The Iowa State University conferred an A. B. degree upon him and Iowa College followed next year with the degree of A. M. Bowdoin College, thirty years after he had left the same, conferred an A. M. also. On the whole there are few

(Continued on page 16.)



A. L. HERRLINGER,
Pres. School Board, Cincinnati, O.



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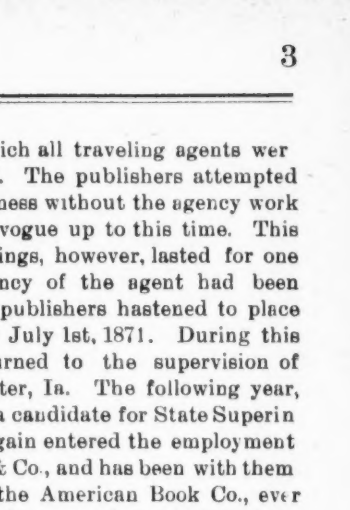
SCHOOL BOARD OF CINCINNATI, O.



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THE AMERICAN
School Board Journal
DEVOTED TO
SCHOOL BOARDS, SCHOOL OFFICIALS, AND TEACHERS.
ISSUED MONTHLY.

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We are publishing the only Journal devoted exclusively to School Boards and executive officers. We furnish information on the doings of School Board committees, including important executive actions, best methods of heating and ventilation, text-books, with prices and adoptions, school law decisions, models of school buildings, statistics upon salaries, publish the engravings of leading school men, etc.; briefly, we keep School Boards and Teachers abreast with the time.

THE STORY OF THE SCHOOL BOARD JOURNAL.

The question as to how the School Board Journal was originated and the causes for its success have been asked so often that I will take occasion, in this issue, to offer an answer. The present souvenir number marks an era in the history of this journal which makes it particularly appropriate at this time to say a few words as to how and why the School Board Journal exists.

The undersigned, who is the publisher and proprietor of the School Board Journal, was appointed a member of the Milwaukee School Board several years ago. Entering upon the duties assigned to him he at once proceeded to surround himself with such literature as would enable him to perform the functions of his office intelligently and judiciously. A number of educational journals were secured, but it was soon found that they did not meet the wants of a school board member.

The educational journals published then, were, and as they now are, designed to aid the teacher in school room work, and professors in the pursuit of higher problems.

Having been for many years connected with the leading daily journal of Wisconsin, and possessing that spirit of push and energy which pervades nearly all newspaper men, I at once began to plan for some way to arrive at my object. Letters were sent to secretaries of boards of education everywhere, and the reports and proceedings of meetings secured. These furnished much information, yet they were in the main lumbered up with routine matter, and proved unsatisfactory for my purpose.

Was there then really no publication which met the wants of a member of a board of education? Diligent inquiry proved that there was not.

The plan to publish such a journal then suggested itself for the first time. The sources of gathering school board news, the mode and manner of its presentation, the typographical form and make-up of a publication, etc., were then gradually developed and at the end of a year's time, after every detail had been minutely planned, the School Board Journal made its first appearance.

As is well known the publication was a success at the outset. And yet, while this is true, it must also be admitted that it was attended with much hard work, great sacrifice of energy and capital. No one but the publisher knows the worry and care which the work entailed, and the difficulties which had to be surmounted. Its rapid growth was also attended with increased outlay of capital. Enlargements were undertaken from time to time. An expensive engraving department was added and the services of more competent writers ensured.

The publication, however, grew and its merits were appreciated. Its subscription list now covers every state in the Union.

If we dwell more particularly upon the present high standing of this Journal, its powerful influence in the educational world, it is with pride — pardonable pride — in pointing to the result of tireless and intelligent work.

The School Board Journal, therefore, in extending to its many readers and patrons the blessings of the holiday season, extends also the wish that the good will and support which has been extended to it in the past may continue in the future.

Nothing will be spared to make the School Board Journal worthy of the great educational public of the United States and of the very liberal patronage which it now enjoys.

WILLIAM GEORGE BRUCE.

VOLUNTARY SACRIFICES.

It is, perhaps, safe to say that no other public servant makes more personal sacrifices than the average member of a board of education. His services are invariably rendered without salary and his office usually receives that additional care and attention which is born of a love for education and a fidelity to the welfare of the rising generation. In saying this we do not mean to maintain that other public officials are devoid of enthusiasm, but we do mean to say that there is more involved in the duties of a school official, which touch upon the nobler sentiments in man and which consequently draw out more voluntary sacrifices.

A Boston school board member recently said that his actual expenses for one year, incurred in the legitimate performance of his official duties, besides the loss of time, etc., had been $900. This may be high and an exceptional case, yet similar reports come from other cities. Men claim that if it is an honor to belong to a board of education, the honor is well paid for. There are expenses here and there, although trifling in amounts, which in the course of a year run up to a respectable sum. In addition to this comes the loss of time which often results hurtful to personal interests.

The school system of the United States is the recipient of a large amount of labor which springs from real patriotism and love for the youth which would be rendered to no other cause with such warmth and enthusiasm.

THE N. E. A. FOR DULUTH.

The place for holding the next meeting of the National Educational Association is about to be determined. There are several cities which have extended invitations to the association, and among them the city of Duluth, Detroit, etc.

In our judgment no city can urge as strong a claim as Duluth. She possesses a a school system, which rivals that of the oldest cities in the United States. Her school board consists of her best citizens; *her school houses are the finest in the world* (and this is not exaggerated). The spirit which prevails in her schools is of the most progressive character. When it is remembered that Duluth is the youngest city of its size in the Northwest, the above not only seems increditible, but marvelous.

Again Duluth is a delightful place during the summer months. Its environments are charming and the educational public will find it a delightful retreat. It will give them an opportunity to see one of the most interesting cities in the great Northwest and study a people who are typical of that progress which is so prevalent in our atmosphere.

THE SOCIABLE SCHOOL BOARD.

The members of a school board in cities of medium size usually represent every business and professional interest as well as the various social stratas of a community. They meet upon equal footing at board meetings, and indulge in an exchange of courtesies which characterize all gatherings of well bred men. Here it stops, however, and the social intercourse is carried no further.

Much of the interest which members manifest in school matters is evolved in the commingling of men on social lines. The feeling of good fellowship which has sprung up has been the means of better attendance at meetings, a livelier interest in the school system. An animated conversation in an atmosphere of sociability oftentimes brings out more bright ideas than a hot debate in an open board meeting. A freedom of parliamentary restraint will draw expressions from men who would shrink to speak at meetings. A sociable discussion often lends a new interest in school problems which otherwise would appear dry and uninviting.

The sociable gatherings which have been inaugurated by some of the boards are not meaningless, and will assist rather than retard continued interest in school affairs.

WANTED TEACHERS

For public, private and commercial schools in the West, East, North and South. Male and Female, Superintendents, Principals and college professors. Also for special studies, music, drawing, manual training, etc. Address THE AMERICAN School Board Journal Milwaukee, Wis. Editor

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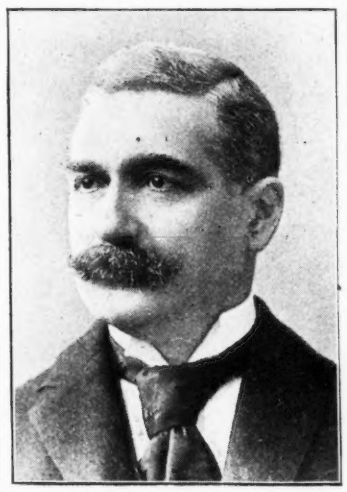

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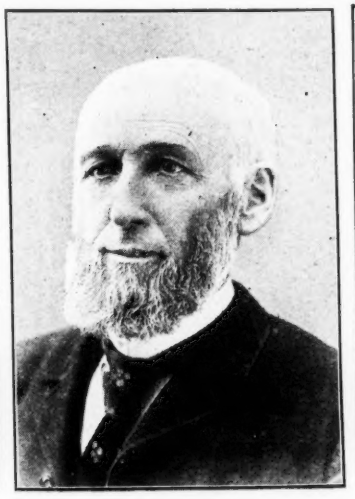

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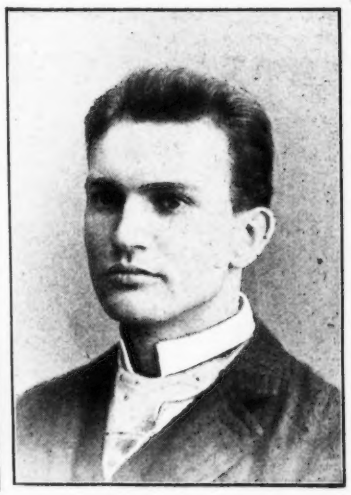

CLARECE C. BIRCHARD,
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SCHOOL BOARD NEWS.

New York City. City superintendent Jasper recommends that the committee on course of study be empowered to authorize the formation of half-time classes in localities, where school accommodations are inadquate.

The state board of high school commissioners of Minn., adopted resolutions to the effect that all schools receiving appropriations shall be required to adhere to a four years' preparatory college course, and schools of the first-class shall be required to provide laboratory methods for students and library facilities.

Canton, O. Mr. Field introduced a resolution substantially that no authority be vested in janitors to punish children for any misdemeanors at school.

Joliet, Ill. The committee on insurance has made extensive inquires on the subject of insurance and finds that in many cases cities do not carry insurance on school property.

At Des Moines, Ia., the Teacher's Life and Benefit Association, to furnish life and accident insurance to persons engaged in school work on the mutual plan, was organized.

A Detroit, Mich., journal says that if a competent sanatarian were in charge of the public school building, there would be an end to the contests between the board of education and its board of health.

St. Louis, Mo. President Brockman, of the board of education, is of the opinion that the practice of lobbying among teachers should cease.

Fire chief Runge and superintendent Jordan of Minneapolis, Minn., made a tour of the various school buildings for the purpose of testing the merits of the so-called fire alarm drill. The maximum of time in the buildings thus far has been 2 minutes 56 seconds, and the minimum 1 minute 45 seconds.

The school board of Milwaukee, Wis., passed a resolution to make no contract nor change of text book for the present school year.

Dr. Schaeffer, State superintendent of public schools, does not favor compulsory education on account of the hardships, it would work in many places.

At Baltimore, Md., it is probable that in the near future one of the vacant niches on each side of the Holiday street entrance to the City Hall will be occupied by a statue of John T. Morris, for nearly a quarter of a century president of the board of school commissioners.

The school board of Beaver, Pa., drew up a resolution requiring all pupils of the first and second grammar grade and in the high school to take the regular mark of the literary society, unless excused on account of some physical disability.

Dr. Walsh of N. Y. City has the following plan to suggest relative to making the Parochial schools a part of the Public School system. "Let the state appoint a sufficient number of school inspectors to visit and examine once a month, or oftener, if necessary every school that applies for help from the school tax. Let the inspection and examination be fully up to the public school standard; and for every class and every scholar that passes a satisfactory examination let them be awarded a pro rata allowance, equal in amount to the cost of similar instruction in the public schools. This plan would preserve our parochial schools in all their integrity and make them part of the public school system."

At Cleveland, O., the janitor is required to be a regularly licensed engineer in all buildings where steam is used.

The school authorities of Belgium have resolved that sight reading of music shall be taught in every school of the Kingdom according to the French system which simplifies the science to the comprehension of a little child.

At Newton, Kan., the superintendent of schools was instructed to suspend all pupils who refused to purchase music books, excepting those whom the musical director excused on account of the impossibility to learn to sing.

At Philadelphia, Pa., a sub-committee of five was appointed to consider the question of the election of married women to fill positions in the schools. There is no rule of the board or any act of the Assembly prohibiting such appointments, but the board has always taken a stand against electing married women to positions in the schools.

The superintendent of public schools at Philadelphia, Pa., was instructed to insert a notice in the daily German and American papers, warning store keepers that if they continue to sell cigarettes to school boys, they will be prosecuted according to law.

At New York over seventy teachers held a meeting for the purpose of discussing the teacher's pension bill which provides that every male teacher who has served thirty years and all female teachers who have served twenty-five years shall receive a pension of not less than $500 a year.

SCIENTIFIC HYGIENIC SCHOOL FURNITURE.

Widespread interest is being manifested throughout the entire country in anything which will facilitate and perfect our system of education, both in public and private schools. School gymnastics is one of the leading topics of the day in the educational arena. Carefully selected exercises which naturally correspond to the physical development of the child or young person at certain periods of growth tend to produce exact and graceful carriage of the head and limbs, and a straight back and broad shoulders. The good effects of such exercises cannot be too highly appreciated. But there is something more to be done to produce a perfect symmetry in the growing child, and that must be sitting facilities for the youth in our schools. When a child has to sit two sessions each day, for five days in a week, at a desk and on a chair so unfit for its use that improper attitudes and contortions of the body in unnatural positions are unavoidable, it is quite time something should be done to remedy this evil. In a special report to the Boston School Committee Dr. Charles L. Scudder has given practical reasons why the seating of school children should receive very careful supervision. He dwells upon the tendency to curvature of the spine, largely due to improper methods of seating. In this special report on seating children in the public schools Dr. Scudder gives ten illustrations made from photographs showing some of the faulty positions taken because of the disproportion between child, seat, and desk. The models used assumed attitudes familiarly seen in the schoolrooms. He asserts that nearly 20 per cent. of the girls in the grammar grades are decidedly round-shouldered because compelled by the desk and chair, to assume a position with the shoulders forward and the head supported on elbows and hands. To remedy this evil adjustable desks and seats only should be used in our schools, and then the teachers can insist upon their pupils maintaining an erect position, both in sitting and standing. The idea of a school desk and chair that can be adjusted "exactly" to the sitting height of a child may not be a new idea, but it is comparatively a new adaptation. The authorities on the proper seating of children in schools have long ago invited such an invention. It is now possible to obtain scientific hygienic furniture for the schoolroom since the The Chandler Adjustable Chair and Desk Co. of 7 Temple Place, Boston, have introduced the Adjustable Chair and Desk. Their "Roulstone" is easily and accurately adjustible to the size of any child, both chair and desk having adjustments graduated to 1-16 of an inch. It is artistic in appearance, solid in construction, and gives each child a seat separate from the desk, as all correct furniture should do, and the expense of this style of the Chandler Adjustable Chair and Desk is no more than the old style of stationary standard furniture. The best of character of man or article is what good they have done? What is their standing among people we know? The testimonials in favor of the Chandler Adjustable Chair and Desk for our public schools come from such men as Dr. E. M. Hartwell, director of physical training in Boston public schools; Dr. Charles L. Scudder of Boston; Professor Anderson, Yale and Chautauqua; and numerous others. This company has just been awarded the contract for the seating of the new and elegant high school at Portland, Me., and the Huntingdon school at Brockton, Mass. We have no hesitation in saying that this Adjustable Chair and Desk made by the company will completely revoultionize the educational ideas in the matter of school seating.

EXHIBIT OF EDUCATIONAL PUBLISHERS,
E. L. KELLOGG & CO., THOMPSON BROWN & CO., A. FLANAGAN, ALBERT SCOTT & CO.

EXHIBIT OF A. FLANAGAN, PUBLISHER.

The engraving presented on this page shows that one portion of the booth is occupied by an exhibit made by A. Flanagan, the well known publisher and bookseller of Chicago. The same must be designated a most creditable one in every particular. The entrance is through a handsome scroll gateway of metal in antique copper finish. The walls are covered with beautiful color drawings made from stencil patterns; the coloring having been done by a girl fifteen years old. These show the work that may be done with these stencils, of which he sells some 50,000 a year. Several tables are covered with many books and papers published by Mr. Flanagan, who has by far the largest list of goods wholly for teachers' use of any house in the West.

We note a few of his recognized helps for teachers: "Ensign's United States History Outlines," now in its forty-third thousand; "Memory Songs," "Memory Methods," and "Fountain Songs," all filled with choice music that must be a source of pleasure and profit to thousands of teachers and pupils. He has a very large variety of ruled School Practice Papers which will greatly assist pupils in penmanship, and which he sells for less money than common paper; samples of same sent on request.

It is evident that the teachers are interested in these goods as his Visitors' Register is filled with requests for catalogues. One gratifying sign is the fact that members of boards of education are constantly calling for these goods. Teachers can hardly afford to purchase all of the many good things offered by him as the schools receive the benefit derived from their use, the school board should at least share the expense. School officers should not hesitate to send for his catalogue.

The enterprise which Mr. Flanagan has displayed in his list of school literature has been well directed, and has met with the most substantial success. He has understood to offer only such literature possessing real merit, and has invariably made his terms the most reasonable. Those who have dealt with Mr. Flanagan have found him to be most honorable in his methods and fully deserving of the confidence he now enjoys with the great mass of teachers and school officials.

THOMPSON, BROWN & CO.

Among the oldest school book publishers in the United States are the gentlemen who comprise the well known firm of Thompson, Brown & Co. The faces of these men in this issue will be greeted by thousands of school people who had long been familiar with the names but had not seen the men.

JOHN A. THOMPSON,
of Thompson, Brown & Co.

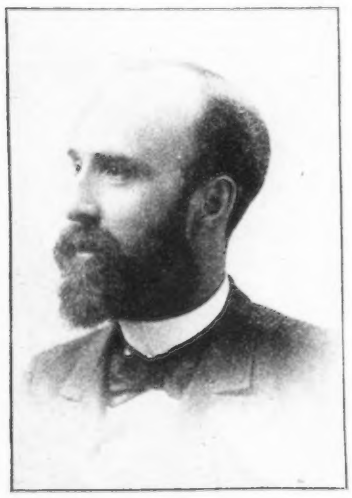
DAVID H. BROWN,
of Thompson, Brown & Co.

The engravings of the exhibit on this page shows that the firm occupies the principal space.

On the north side of the booth is found the exhibit of Thompson, Brown & Co., of 23 Hawley St., Boston, and 106 Wabash Ave., Chicago. Though small, the list is select and very complete in its line consisting of Bradbury's Eaton's full mathematical series of text books for all grades from Primary to High School inclusive.

This firm is best known, perhaps, as the publishers of Meservey's Text-Books in Book-keeping, the introduction of which into thousands of the best schools of the country not only attests the superior merit of the books, but also the commendable tendency to improve school curriculums by the introduction of practical studies.

The western agent of the firm, Geo. H. Royce, is well known. His energetic and intelligent work necessitated the opening of the Western office at Chicago.



A. FLANAGAN,
Educational Publisher.

G. H. ROYCE,
West Agt. Thompson, Brown & Co.

E. H. SCOTT,
Albert, Scott & Co., Chicago.

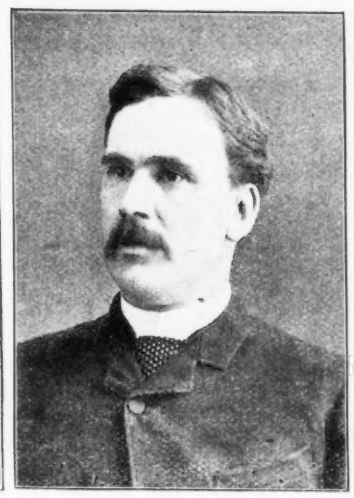
ALBERT, SCOTT & CO.

The display of Albert, Scott & Company shows their progressive spirit. They are publishers of the Inter-Collegiate Latin Series, which is the best line of preparatory Latin books now to be had. It has been widely adopted both East and West, and is eminently successful. This firm is the only aggressive publishers of high school and college text books having its main office in Chicago. They have just added an algebra to their list, and other books will follow to complete the line of high school books. They issue a fine portrait catalogue of their authors.

ADOLPH DUEBER
Am. Book Co., Chicago, Ill.

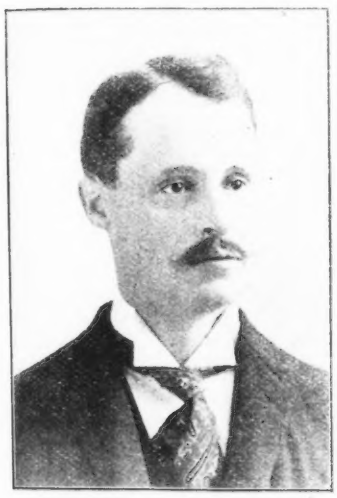
WM. BEVERLY HARRISON,
Publisher, New York City.

J. M. EPPSTEIN,
D. C. Heath & Co. Chicago, Ill.

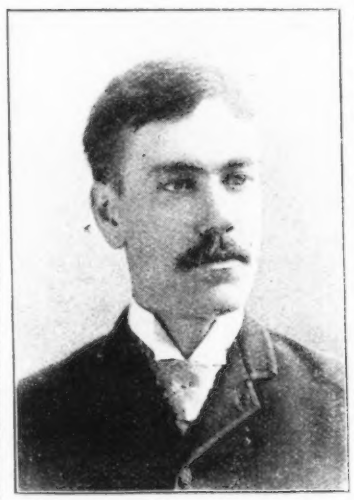


A. P. SOULE,
Am. Book Co., Boston, Mass.

E. W. AVERY,
Ginn & Co., Fargo, N. D.

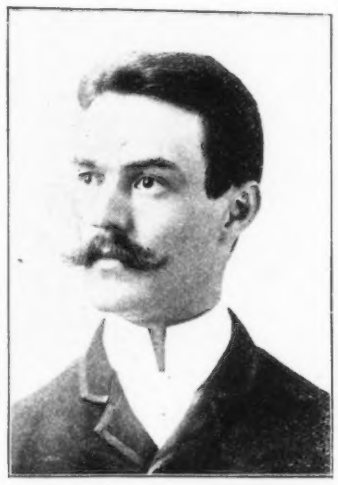


W. S. WHITE,
D. C. Heath & Co., Mich. Agt.



HUGH A. FORESMAN,
Silver, Burdett & Co.

CHARLES W. SCOTT,
Am. Book Co., Williamsport, Pa.



E. E. RICKETTS,
American Book Co., Chicago, Ill.

FRANKLIN M. KENDALL,
Ginn & Co. Chicago, Ill.

PROMINENT REPRESENTATIVES OF SCHOOL BOOK PUBLISHING HOUSES.

SILLY READING BOOKS.

BY SUPT. J. M. GREENWOOD, K. C., MO.

There has been a great drop in the character of the reading books since I learned to read. It looks as if every author attempts to make his series sillier than his predecessors. Once it was thought that one book was enough of the childish books in a series, but now it is not an uncommon thing to find the baby twaddle running up through the Fourth Reader, and even traces of it in the Fifth. Only a few of the supplementary readers are any better. It is a general "let down" all the way through, not only in the readers, but in the arithmetics, grammars, etc.

Educational doctors are afraid the children may actually do something, hence, all educational diet is reduced to the consistency of very thin gruel. Children get very tired doing nothing. A class of boys and girls were reading about "A Doll" the other day. Not a boy wanted to read about "dolls," and but three little girls out of fifteen had ever liked to read about "doll stories." The boys wanted to read about fights, and men, and Indians, and animals, and where people had done "good things," or said something pretty and interesting They liked the truthful, courageous boy or man; or the one that would help a cripple or be kind to any one. The little girls did not differ very materially from the boys, except that they did not want so much of the heroic in their reading.

After testing many classes as to their preferences, I find that children always prefer a class of literature far in advance of what can be given to them from the average reader. After a child learns the child's vocabulary of 600 or 800 words, it is not necessary to still keep pegging away on the same little words.

But to return to the first part of the allegation, namely, the weak and insipid character of the pieces printed in the text-books and reading lessons.

I have a copy of "McGuffey's Third reader," printed in 1853. Let us open this volume published forty years ago, and glance through it. A moment with "The Little Philosopher," by Dr. Aiken, or "The Peaches," by Krummacher. Noble lessons on character building! No sentimental drivel in either. The next lesson—"We Are Seven." How it lifts the soul upward! It goes straight to the heart, and leaves an impress there that all after ages never can efface. "The Song of the Dying Swan," and "Swartz the Missionary." Is there not here something in this lesson that goes far beyond any mere description of bird, or bug, or worm, or plant, or atom?

Following in close succession is, "Knowledge is Power." In this a sharp distinction is drawn as to the use of knowledge. But I need not particularize. The book is filled with choice selections. There is not a weak piece in the book. Not only this, but the Second Reader of the same series contained excellent selections. Need I name but one beginning with, "Mother how still the baby lies,"—a real gem of its kind. Such pieces as the ones I have referred to are worth more in the formation of sturdy character, and to put the pupils into sympathetic relations with human beings than all the "Little Bug Stories" that can be crowded into a child's life from now till the "crack of doom." There is some real merit in the pieces.

In the Third Reader of this series, all sides of the child's nature are touched. He is stimulated, too, by having "The Consequences of Idleness," portrayed in the life of George Jones, while the next lesson, "Advantages of Industry" are clearly set forth in the person of Charles Bullard. Again, in "The Child's Inquiry," beginning "How big was Alexander, Pa?" the true intent and purpose of war are shown in such a manner as to leave an impression on the child's mind in regard to the murder of one human being compared to the killing of thousands.

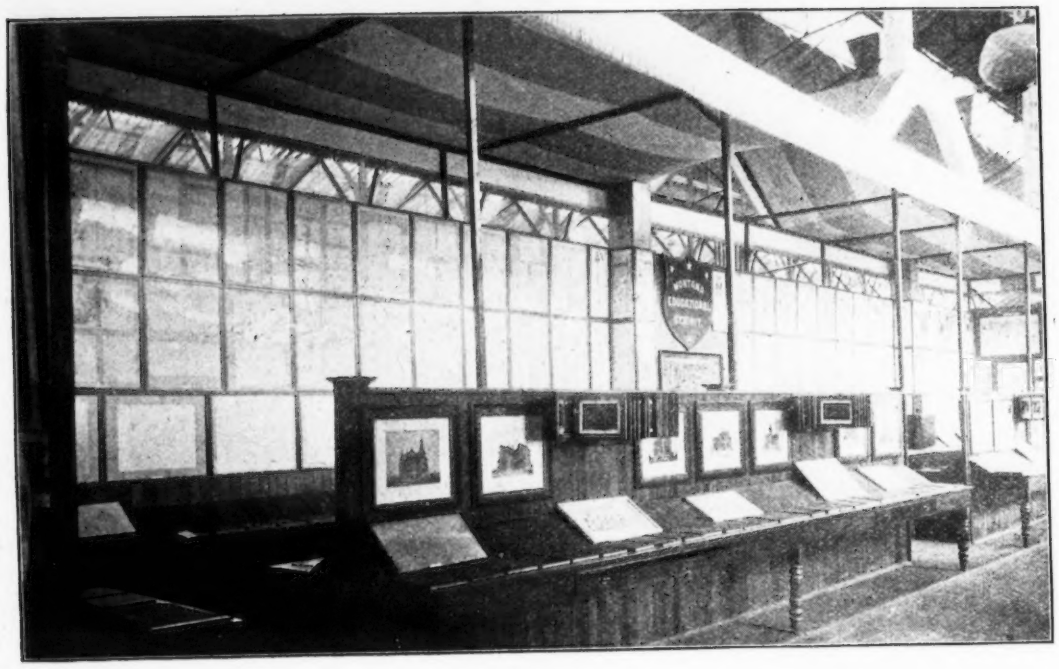
Another great moral lesson in this book is entitled "Little Victories," by Miss Martineau. This lesson has given more children courage than any other one lesson that I know of in the language.

Scattered through the book are enough lessons about animals to whet the appetite for something more in larger and more pretentious works. It should be remembered that a child is always more interested in reading about lions, tigers, bears, and so forth, than in counting the number of nails on each foot or the teeth in each jaw. Habits and characteristics please children most, not the number of bones in the foot, leg or head. Details and analyses of too minute a character are always tiresome to children.

Another point. I can not see how any sincerely honest man or woman can be an atheist. With my ideas of cause and effect it appears absolutely impossible, and yet, I suppose there are such persons living, but the lesson in McGuffey's old Third Reader, "The World of Chance," by Dr. Todd, is certainly one of the most perfect and complete vindications of an intelligent design in all things terrestrial that can be presented.

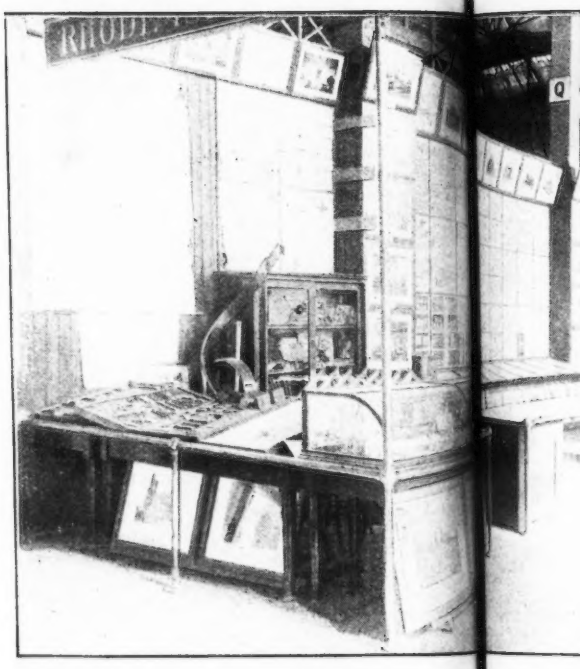
Yes, I suppose the "New-educational-little-pill-doctors" would claim that this is too severe for children in the Third Reader. They are very much alarmed lest they strain the children's thinkers. Lesson 69 in this book is entitled "Difference Between Man and the Inferior Animals." It is a wonderful presentation. It strikes the childish imagination with a force that is simply irresistible. It is one of the best antidotes to all this maudlin,

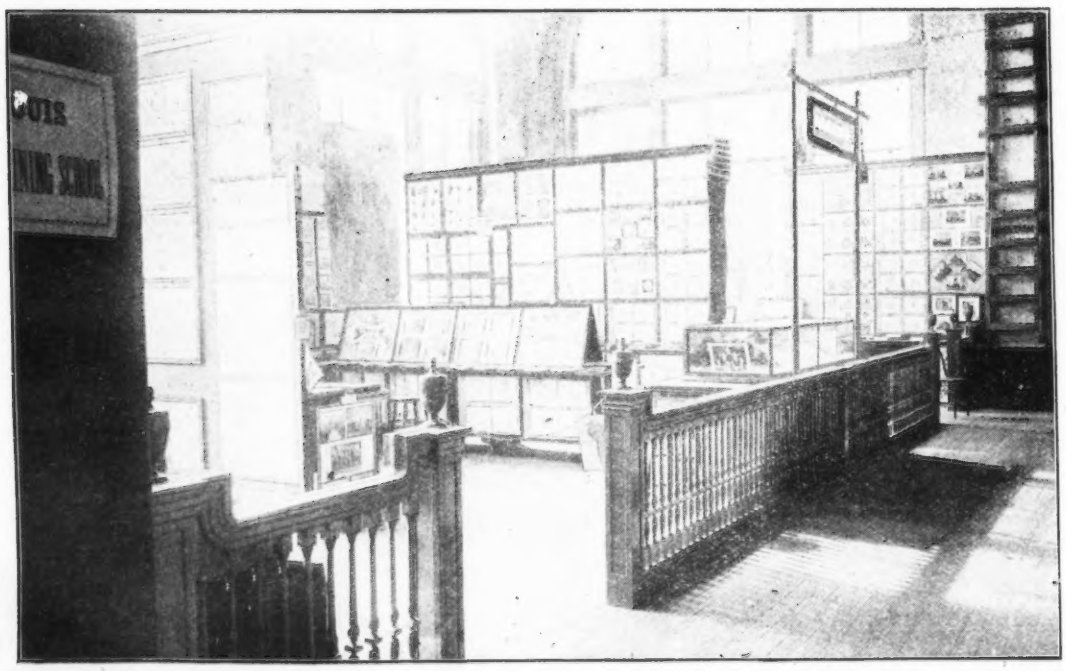
Continued on page 10.



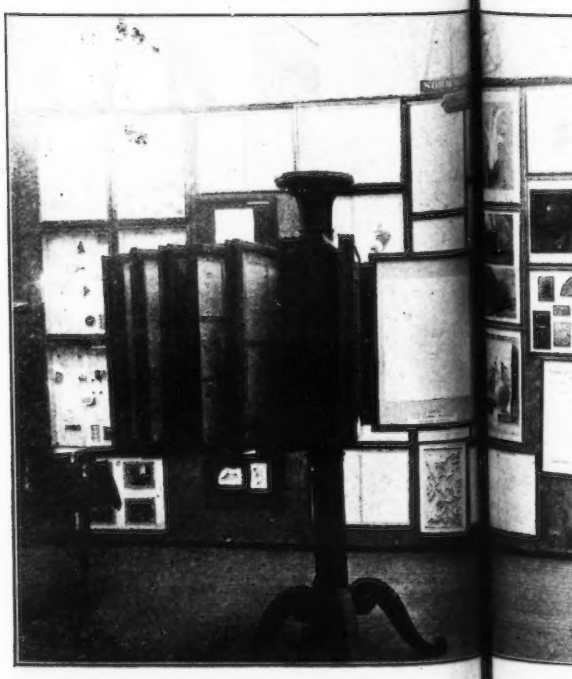
MONTANA.

NEW JERSEY.

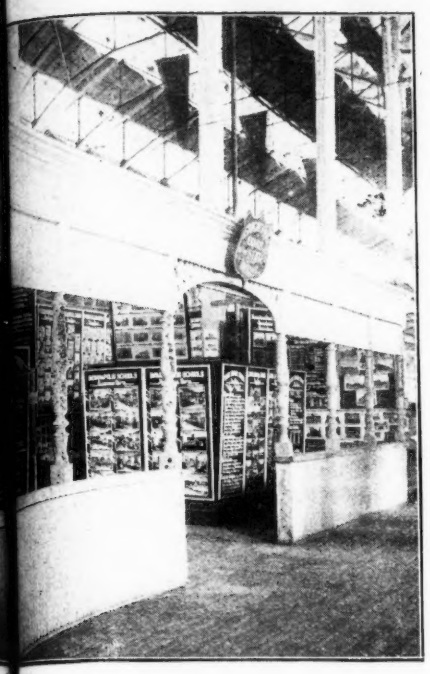


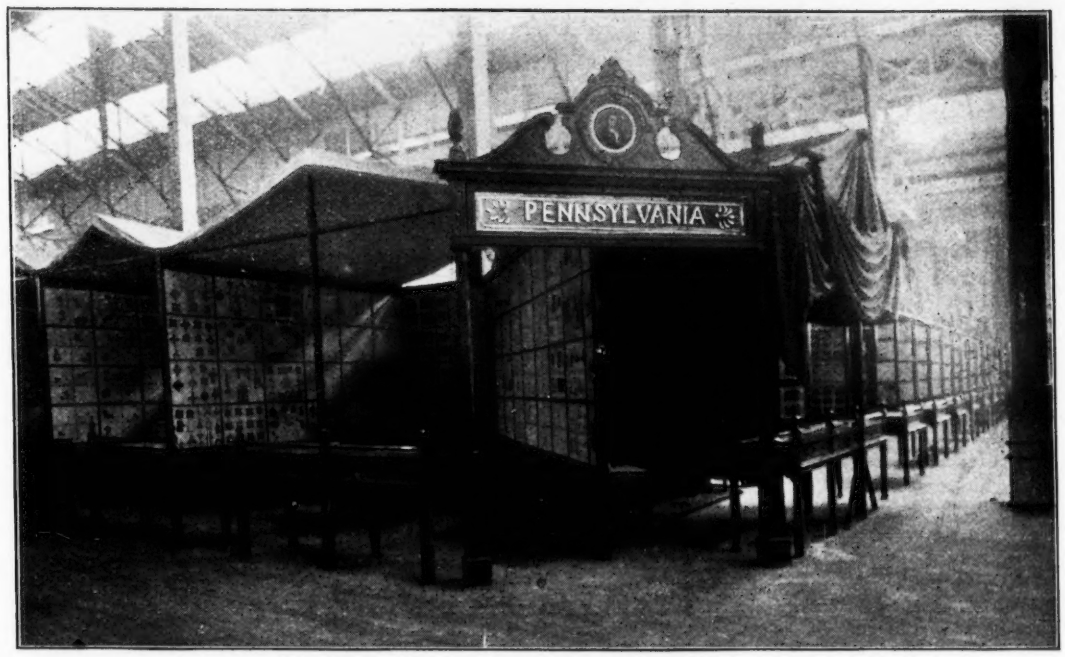


MAINE.

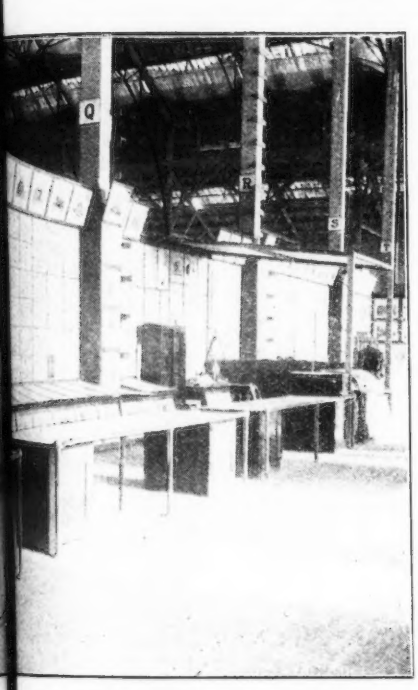


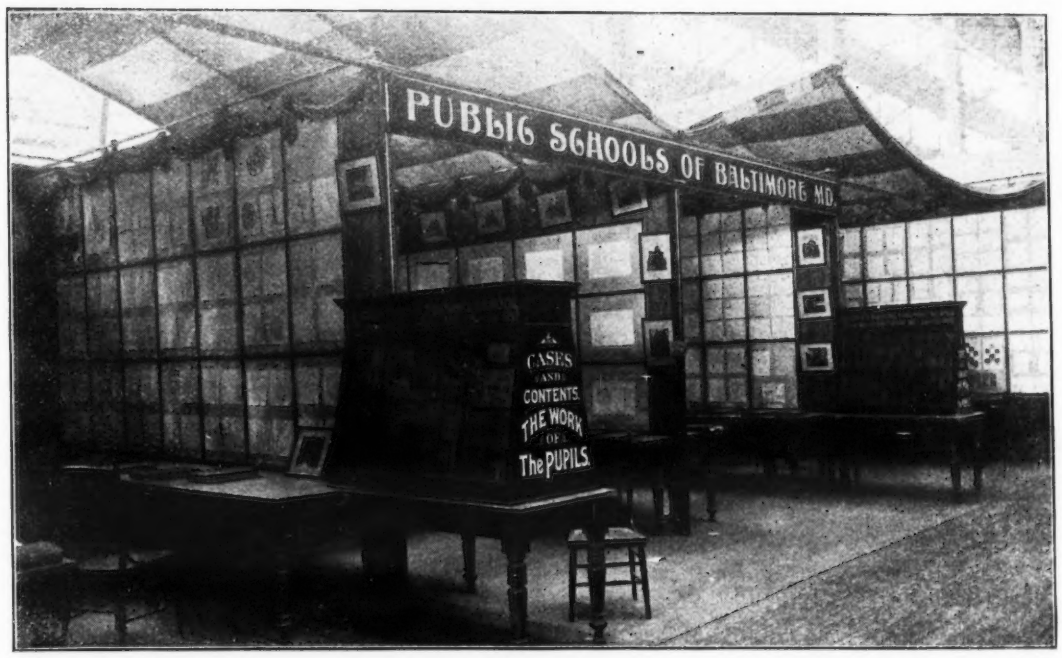
THE GREAT EDUCATIONAL EXHIBITS IN T RAL



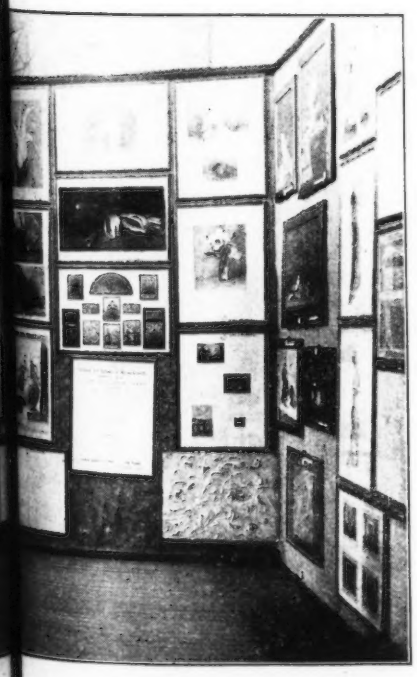


PENNSYLVANIA.



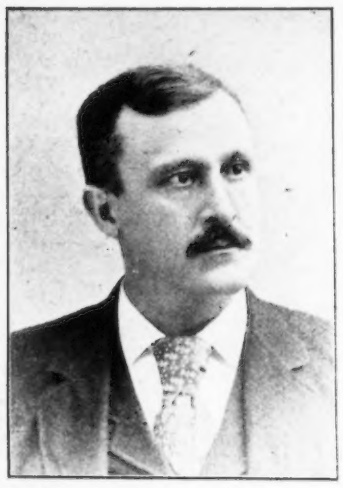


MARYLAND.



FLORIDA.

IN THE ARTS DEPARTMENT, WORLD'S FAIR.



JAMES M REED.
Member School Board, Newport, Ky.

ED G LOHMEYER.
Pres Board of Education, Newport, Ky.

JOHN NEISER.
Member School Board, Newport, Ky.

JOHN B. SIMON,
Member School Board, Newport, Ky.

SILLY READING BOOKS.

(*Continued from page 7.*)

physiological psychology, which essays to find mind in the bottom of a retort, or an alembic, or in a pile of brains after death, or away down yonder in the simplest form of the cell.

So far, I have said little of the poems in this book. The last lesson, "The Dying Boy," by Mrs. Sigourney, is a touching poem indeed. I ask any candid teacher to compare the character of the selections of this book with any Third Reader of modern date, and see how vast the difference. It is folly for any one to tell me that McGuffey's old Third was too hard for children to read in. I taught this book for three or four years and the children read well in it.

Before me is McGuffey's "Eclectic Fourth Reader," imprint of 1843. To say that it is solid only half expresses the truth. All the pieces are of the very highest literary merit. Here are better literary selections than can be found in any dozen of the books published for the use, benefit, and moral improvement of the boys and girls of the present generation. They are introduced at once to the beauties and elegance of thought and style. There is no twaddle. Every lesson has an object — to toughen and to strengthen the intellectual and moral fiber of the boy or girl. The "coddling process" is gloriously and sensibly eliminated. Here is a book of 328 pages filled with nutritious food. There is not a padded page in it.

All the modern reading books are projected on the plan that the child must have next to nothing to do. High, wall-eyed educators lift up their hands after imbibing inspiration from Germany, and tell us just what the child is capable of doing and of not doing. They failed to learn that in Germany the reading books, after the second reader, and modeled after the books I have been describing in this article. The "boshy" notion that the way to learn to read and to cultivate the voice, is to read the plain, natural science information selections, is about as rational as to expect to find the "Thirty-nine Articles or the catechism in "Ayer's Almanac."

It was in the latter edition of "McGuffey's Fourth Reader" that I read when a boy at school. I understood much of what I read, and a great deal of it caused me to think about the things mentioned. That a deep impression was made on my mind is only a half truth. The words burnt into very fiber of my nature. The Story of "The Intemperate Husband," and of "The Venomous Worm" put me on the side of "Temperance" for all time. At the same time grew up that aversion to the use of tobacco by schoolmasters which has stuck to me. In fact, it may be a little extreme, but the person who poses as an educational reformer, and is frequently seen with a cigar in his mouth, should first reform himself or sing very low before the boys.

Another phase of the straight reading should be mentioned. A book on natural science, or logic, or mathematics, or law, or medicine, is not a text to be read for the purpose or cultivating the human voice. Such works are to be studied for the information they contain, and for no other purpose. They contain statements and discussions devoid of passion and feeling. Reading as a science and an art—the expression of thought and feeling by utterance and action—is a different matter entirely, involving a much wider range of expression than can be brought out of any mere information subject matter.

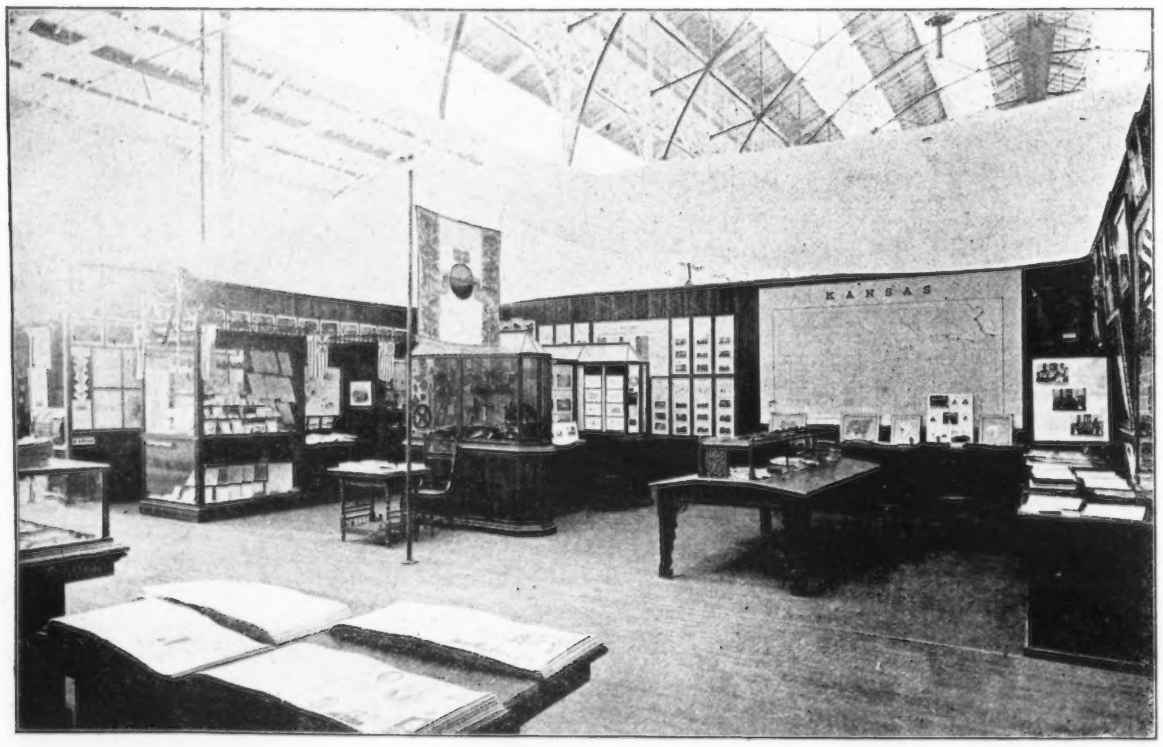
Reading matter that does not reach the emotions, the effections, the desires, and at times touch up and arouse the very loftiest feelings of the soul, lacks the essentials of good reading matter for children. No great feeling can ever be stimulated over such a lesson as: "Jump, little frog. Jump for Tom!" If the child takes on any feeling, it is put on for the occasion, and not because it is real.

My contention is, that after the Second Reader, selections on account of literary merit should be used almost exclusively. Some purely information pieces of course should be inserted, but the gems in prose and poetry ought to predominate. Neither do I object to pupils reading books of travel in connection with their geography lessons, but the class of literature in reading books, should be the best that has ever been written in the language. Tough, hard study is the only kind that ever did a boy or girl any good, and it is the only kind that should be put in the reading books.

It is through the Third, Fourth and Fifth Reader that nearly all the children of our common schools get an insight into literature, and because of this fact, if no other, should the selections be of the very highest excellence.

There is another danger—that of spreading too much. It is not the great quantity of printed matter rushed over that produces either the good reader or the thoughtful intelligent reader. With too many teachers, the tendency is to measure progress by the multiplicity of volumes read by a pupil or a class. Such an idea, if pursued, is dangerous, and a habit once contracted on this basis, leads to mental weakness and not to mental power. Light reading has this effect.

The really valuable selections to be read and appreciated, are those master-pieces which grow upon us with every fresh reading. The filling up process is a vicious one. Mental dyspepsia is worse than physical and chemical indigestion of food. Little teaching, little study, fiddle-faddle nonsense—called educating a child—is the accomplishment of national crime, whose enormity words fail me to portray its true colors. The-do-little-policy is sapping all the life out of thousands of our school children to-day, under the seductive but fallacious title, *New Education.—Popular Educator.*



EDUCATIONAL EXHIBIT OF KANSAS, LIBERAL ARTS DEPARTMENT, WORLD'S FAIR.

S. C. WOOSTER,
Supt. Kas, Educational Exhibit, World's Fair, Chicago, Ill.

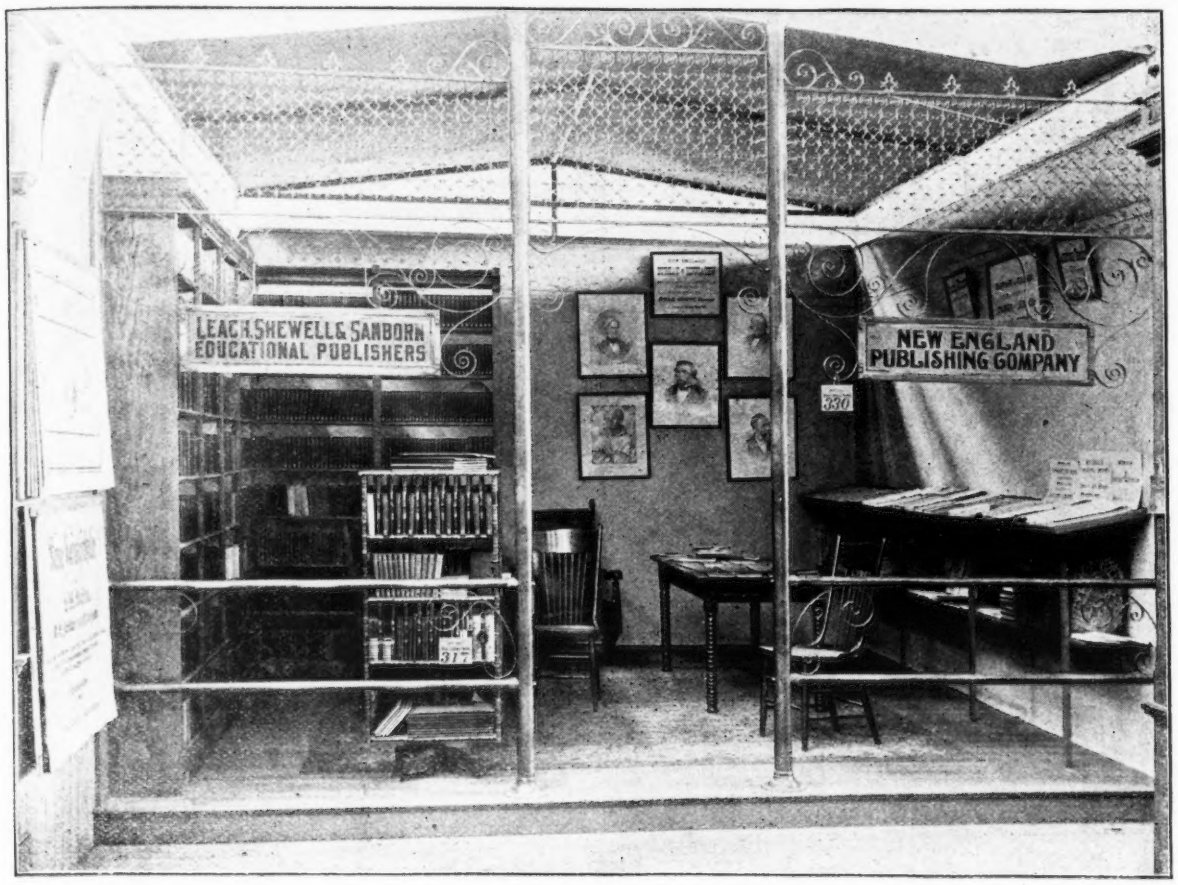
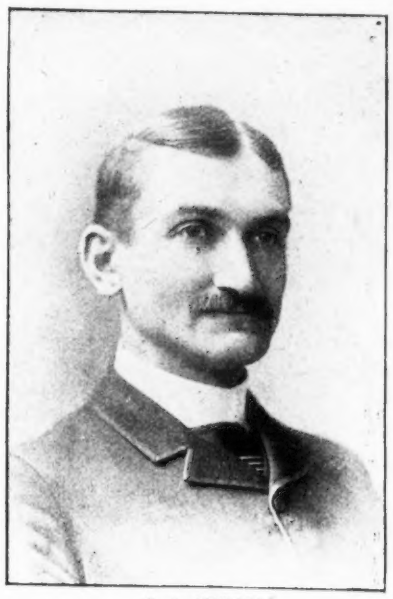


EXHIBIT OF LEACH, SHEWELL & SANBORN, PUBLISHERS, AND THE NEW ENGLAND PUBLISHING CO., LIBERAL ARTS DEPARTMENT, WORLD'S FAIR.



C. A. SIBLEY,
Western Man. Leach, Shewell & Sanborn.

LEACH, SHEWELL & SANBORN EXHIBIT.

As already stated in one of our former issues the exhibits of the educational publishers will for a long time linger in the minds of the many visitors to the World's Fair. The exhibits were uniformly tasteful and interesting. That of Leach, Shewell & Sanborn was unquestionably among the best and most complete exhibits in this line. The valuable books which have been issued from time to time by this progressive and growing firm make a great collection which will attract any student. These productions were well displayed and very neatly arranged, and were presented in the most comprehensive manner. Many of the books are so familiar to the great school public of this country that a visit to this booth was a real pleasure and had the tendency to make a school man feel perfectly at home. The rapid growth of the business of Leach, Shewell & Sanborn has been due to the fact that they have placed only the very best books on the market. They have had more than the material success of their business at heart. They have striven to win for themselves the confidence of the school public by giving them the results of the best and most advanced thoughts in education. In this they have succeeded admirably.

The extent of their Western business is largely due to that splendid book man and manager C. A. Sibley, of high attainments, splendid business capacity and energy, has endeared himself to all those with whom he has come in contact. He knows the value of school books and can discuss them intelligently and present their relative value and merits more lucidly than many other men.

J. O. CONRAD,
Of the Short-Conrad Co.

EXHIBIT OF THE NEW ENGLAND PUBLISHING COMPANY.

The New England Publishing Company, Boston, Mass., Mr. A. E. Winship, president, was incorporated Oct. 20, 1875, having for its purpose the publication of the *Journal of Education*, the issuance of educational books, and the assistance of teachers in various professional ways. Mr. T. W. Bicknell was president until March, 1886, when Mr. Winship succeeded him.

The *Journal of Education* was established Jan. 2, 1875, as the successor of the *Massachusetts Teacher* (twenty seven years of age), *The Rhode Island Schoolmaster* (twenty years old), *The Common School Journal*, and the *College Courant*.

The *Journal of Education* has been from the first a literary and professional journal, issued each week, and has been for the past eight years under the direct editorial management of Mr. Winship, who has been a close student of the school work in all parts of the country, acquainting himself with the school men of every state.

The Company issued *The Primary Teacher* for the first seven years, and in 1883 merged that in the *American Teacher*, a monthly magazine which has been devoted to elementary school work.

The headquarters of the Company were at 16 Hawley Street for ten years, but removed to the present headquarters at 3 Somerset Street in 1885, where three floors are utilized by the editorial rooms, book printing department, business office, and the Bureau of Education which has been managed by Hiram Orcutt, LL.D., since 1880.

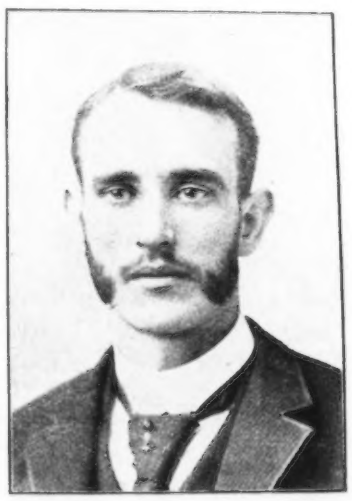
PROMOTERS OF THE GREAT TELETHERMOMETER.

Those who have heard of the Telethermometer, which is now going so extensively into school buildings as a regulator of temperature, have no doubt imagined the inventors as grizzly-haired sages. A valuable invention, however, does not necessarily emanate from old men. The Messrs. Short and Conrad are, in fact, young men, and their achievement has won the admiration of older inventors. The Telethermometer has established its efficacy and its value as a permanent feature in a well equipped school building. The inventor proper of this serviceable system is Mr. Short. He conceived and perfected the Telethermometer in its present form. Mr. Conrad lent his co-operation in developing the invention, recognizing, as he did, its great future and its permanency in modern school house construction. The Short-Conrad Co. have offices at Cleveland, O., Pittsburg, Pa., and Milwaukee, Wis.

E. L. KELLOGG & CO.

The illustration on page six gives a view of the exhibit of E. L. Kellogg & Co., educational publishers, New York. To all interested in education the exhibit was an exceedingly interesting one. There were shown a large number of books of great pedagogical value, treating of the history, science, principles and methods of education. Their list also includes many books designed particularly to aid teachers, by giving, in detail, methods of teaching all branches. Manikins, blackboard stencils to aid in teaching by illustration, and other school supplies, were exhibited to the large number of teachers who visited their booth.

This firm is, perhaps, best known as publishers of educational papers, five of which are being sent by them to all parts of the country. By no means the least interesting thing to be seen in this exhibit was a catalogue which lists and describes nearly fifteen hundred books on educational subjects--the most complete compilation of such books ever made in this country.



C. G. SHORT,
Inventor of the Telethermometer.

TEXT BOOK ADOPTIONS.

Milwaukee, Wis. Adopted for the High school: Bedgood's Biology, Whitney's French Reader, Galthen's National French Methods.

Pottsville, Pa. Adopted Eggleston's History of the United States.

Polo Alto, Pa. Adopted Conklin's Language Lessons and Grammars.

North Manheim, Pa., Washington, Pa., South Manheim, Pa., Rush, Pa., West Penn., Pa., Upland, Pa., have adopted Spencerian Copy books and Pathfinder Physologies.

Sworthmore, Pa. Appleton's Arithmetics and Sensenie's Algebra.

Aston, Pa. Adopted Conklin's Language Lessons and Grammars.

New York. "May's Anatomy, Physiology and Hygiene" have been added to the list.

Fond du Lac, Wis. Superintendent White was instructed to introduce White's system of drawing in all grades from the second to the eighth inclusive.

At Philadelphia, Pa., the committee on text books and rules reported the purchase of 10 sets of the international Encyclopedia at $50 per set, subject to a discount of $10.

Salina, Kas. Swinton's Outlines of English Literature has been added to the course of the high school.

The defiance, O., board of education has adopted Howe's History of Ohio for the school library.

Fond du Lac, Wis. White's system of Art Drawing has been placed in the school.

The Chicago board of education has adopted a complete set of the records of the union and confederate armies, seventy-eight volumes in all, and a war atlas of sixteen plates, for the Newberry school.

Jacksonville, Ill. The school board added History of the World's Fair for school libraries.

Burlington, Ia. The board of education has adopted the Burlington Word Book, a speller, compiled by the principals and their lady assistants of that city. Price 5 cents.

GENERAL TEXT BOOK NEWS.

Savannah, Ga. The secretary was requested to obtain from publishers of text books and material for drawing up a statement of the prices charged for text books used in the public schools of the country, with the discounts allowed to retail stationers and booksellers, with a view to securing the lowest prices for such books and material.

Toledo, O. The matter of paying 10 per cent. to book firm for handling text books was referred to the committee on text books.

Seattle, Wash. The Board of education has adopted 500 copies of the large 108-page pamphlet, containing the course of study, rules and regulations of common schools, and a very comprehensive teachers' manual.

Memphis, Tenn. The committee on text books have agreed to investigate the whole curriculum to see if it is advisable to change any of the text books.

PURCHASE OF SUPPLIES AND EQUIPMENT WITH PRICES.

Salt Lake City, Utah. School desks were purchased from the Salt Lake Seninary as follows: Forty-six of No. 5 at $2: twenty-four of No. 4 at $2.10; twenty-nine of No. 3 at $2.10. One Webster's international dictionary; six copies of Hoyt's beginners Greek book; six copies of Von Barnheim; six copies Deutch Lyrek; six copies of Schiller's Wallenstern; one half dozen pencil sharpeners.

Quincy, Ill. The school board has purchased a supply of five extinguishers from the H. H. Charles Co. of Quincy, Ill. The use of fire extinguishers is rapidly taking a foothold in our schools and those of the H. H. Charles Co. seem best adapted for our schools.

Zanesville, O. The telephone company agreed to furnish telephones in the different buildings at $3 per month.

St. Louis, Mo. Messrs. Pullis Bros. were awarded the contract of constructing iron stairs to the boiler of the new high school at $170.

Green Bay, Wis. The contract for furnishing the new high school with desks and seats was awarded to the Haney School Furniture company for about $520.

St. Louis, Mo. H. Pank & Son were awarded the contract for apparatus case at high school for $814.

St. Paul, Minn. Purchased 900 gross Esterbrook No. 128 pens at $3.27 per gross.

The board of education of Zanesville, O., has adopted an articulated skeleton for the high school at $27 50.

Springfield, Ill. The committee on school houses and furniture have discovered that looking glasses are a most necessary part of the curriculum and hence have purchased a couple at $2 apiece.

St. Louis, Mo. Messrs. F. Abel & Co. have been awarded the contract of installing gas and electric light fixtures in the new High school at $210.

New York City. The Favorite Desk and Seating company has been awarded the contract for furniture for the new building at $85, and Madison avenue at $1,800.

Los Angeles, Cal. The Southern California Furniture company have put in eighty-seven shades at 95 cents each at the Helman street school.

HEATING AND VENTILATION.

Utica, N. Y. The Kernan Furnace Company was awarded the contract of furnishing furnaces in school No. 19. for $205, and the Canton Co. in school No. 20, for 205.

LaSalle, Ill., takes a new departure in the line of steam heating; it is claimed it will give evener, steadier heat, with greatly superior ventilation.

Tacoma, Wash. W. S. Bretherton has been awarded the contract for covering steam pipes in the Emerson school for $95.

Fargo, N. D. President Bristol, of the Board of Education, concluded to adopt Fuller and Warren's system of heating.

Lincoln, Neb. Ventilating fans, operated by electric power, were ordered put in at the Park and Saratogo schools, at a cost of $7 per month.

At Rochester, N. Y., bids for placing heating and ventilating apparatus in No. 19 school, were opened as follows: Hayes & Walls, $1,700; Mayers & Glassgow, $1 353; Barr & Creelman, $1,523; Thomas B. Ford, $1,190.

The Smead Co., of Cincinnati, were awarded the contract for the placing of eight furnaces in the new school building at Lisbon, O.

The Short-Conrad Co., of Cleveland, O., have just completed arrangements to open an office in Pittsburgh, Pa., under the title of "The Pittsburgh Telethermometer Co.

Heesch, Davis & Co., have put in a bid for the sum $75 to furnish a high-pressure galvanized boiler for the use of the Jackson school at Salt Lake City.

At Stewart Ill., the Ruttan system of heating which brings the heat into the room about the floor, has been introduced.

At St. Louis, Mo., a contract was awarded to the Hopkins Construction Co., for trusses and platform for ventilating the fans at the High school for $840.

Pardee's system of steam heat and fan method of ventilation has been introduced at the Grant school, Minneapolis.

Midgley & Sons Co. have completed the heating and ventilating plant at the Bryant school building at Salt Lake City, Utah.

At St. Louis, Mo., The Modern Heating Co. was awarded the contract of constructing an additional heating and ventilating apparatus in the chemical labratory of the new high school.

The new normal school of Mankato, Minn., will be heated by the hot air system. The building will be wired and electric indicators put in to show in the basement the exact temperature of each class-room.

New York City. G. A. Sutter & Co., have introduced a direct-indirect system of ventilation in primary school No. 35.

SUPPLIES AND EQUIPMENT.

Miss Dora Miller, a New Orleans teacher, has patented a blackboard eraser, for the right of which she has been offered $5,000. She's going to wipe out a mortgage with it.

The Central School Supply house of Chicago were awarded by the World's Fair medals on their Anatomical Aid, The Progressive Reading and Number study and their relief maps.

The Roulstone adjustable desk was adopted by the school boards of Providence, R. I., Brocton and Somerville, Mass.

The supt. of schools at Newton, Kas., recommended the discontinuance of the ink purchased of the Barhaur Tablet Co. of Pueblo, Colo.

At Los Angeles, Cal., bids for furnishing school desks set in place were received as follows: William Oge, San Francisco, normal and high school desks, sizes 1 and 2, $3.75; grammar and intermediate, sizes 3 and 4, $2 65; primary and intermediate, sizes 5 and 6, $3.55; rears, all sizes, $3 45.

Edward T Cook, sizes 1 and 2, $4.60; sizes 3 and 4, $4.50; size 5, $4.40; rears, $4.25 and under, according to kinds.

Gardner & Oliver, different sizes, $4.05 each.

The Great Falls, Mont., school board will hereafter ask for bids on all printing exceeding $10.

James Dyer of Salt Lake City, Utah, agent for the Andrew's desk Co., received an order from the committee on supplies for two car loads of furniture.

Pershall of Kansas City, Mo., were awarded the contract of putting paper blackboards at the Kellom school, Omaha, Neb.

DEATH OF PROFESSOR SHOUP.

Professor Wm. J. Shoup, of Dubuque, Iowa, died Nov. 11. He was born in Pennsylvania in 1846. Removed with his parents to Galesburg, Ill., in 1852, where his early years were spent on a farm. In 1864 he enlisted in the Union army and saw arduous service in the campaign against Hood. He graduated at Knox College and entered upon the profession of teaching. Since 1874 he has been principal of Lincoln School, Dubuque. He edited and published the Iowa Normal monthly, and was the author of several school books, among them a work on Didactics, and History and Science of Education. He was an accurate scholar, a logical thinker, a thorough teacher, and in every way a man of uncompromising integrity. He was for many years an elder in the second Presbyterian church. He has been a useful and respected man in all his relations. The entire city of his home, old and young, mourn him. The Governor's Greys and the local Post of the G. A. R. escorted the long procession of the sorrowing people who followed to their last resting place the remains of their beloved neighbor, friend and teacher.

W. J. SHOUP.

The board of education of Norwood, O., has, upon the recommendation of Superintendent Flowers, adopted a system of popular reading for the school children. In each room is placed a library table upon which are placed books and magazines on history, geography and the natural sciences, adapted to the age and mentality of the grade, as works of reference, for supplementary reading and entertainment.

BOOK REVIEWS.

By W. H. Beach.

THE PUBLIC SCHOOL SYSTEM OF THE UNITED STATES. By Dr. J. M. Rice. New York: The Century Co. Price $1 50.

In 1892 the author was sent by the editor of *The Forum* on a tour of inspection among the schools of different cities. Five months were occupied in this work. The schools of thirty-six leading cities were visited. The author was enabled to observe more than twelve hundred teachers at their work. He examined about twenty training schools for teachers. The reports of his observations were published in *The Forum* and attracted much attention, and were frequently made the subject of leading newspaper articles. This volume is a republication of these reports with some modifications, and additions in the line of samples of children's work in composition and drawing.

Dr. Rice starts with the proposition that the schools are organized in the interests of the children. He has found that reports of the schools published by school boards and superintendents do not always give the exact condition of the schools. He found many schools where the work done was mechanical and formal and the teachers wanting in the comprehension of the first principles of correct teaching. He does not wish to condemn without a statement of what he conceives to be the conditions and causes that have been responsible for these failures in teaching. But he conceives it to be a plain duty to report the facts as he finds them. The proper supervision of such extended systems is no easy thing. The appointment of incapable teachers is to be guarded against, and the proper training of teachers should receive more attention. Some instances are given where supervisors have awakened a new spirit among teachers, and promoted, in a remarkable manner, the efficiency of the schools. Politics in school boards has worked an incalculable amount of harm. And superintendents who have not forgotten themselves in their work, ought to seek some other employment. Mention is made of school reports in which the superintendent's part is marked by a tone of satisfaction and self-laudation that is anything but pleasant to the general reader. Many compliments are paid to school officials, and it seems as if the superintendent and some of his fellow teachers had formed a mutual admiration society. Dr. Rice found frequent instances of this kind. Some one long ago expressed the opinion that the work of the teacher, coming in contact mainly with immature persons who seldom question his statements, has a tendency to promote an inordinate self-consciousness, possibly self-satisfaction. A little of the criticism of Dr. Rice will enable teachers to see themselves as others see them, and lead to closer self-inspection and analysis of motives and methods. Dr. Rice gives credit for some excellent work that he saw, and states wherein it was excellent. The book is a suggestive one and valuable to every school official and teacher, although it is not, on the whole, very complimentary.

ANNOUNCEMENT OF McDONALD COLLEGIATE INSTITUTE. With outlines of a New Educational Philosophy. By Charles E. Sargent, A.M., Milwaukee. Pamphlet.

This announcement is made as the basis of an educational institution that proposes to fill a large and important place,—to be "a garden in which to plant the choice seed of a new philosophy of education." It is stated that the public schools, while doing an important work, need to be supplemented by special schools in which students of more than ordinary abilities shall have opportunities for the free exercise of their faculties, unrestrained by being classed with slower pupils. The school is intended as a higher preparatory school, in which students may strike their specialties as soon as possible. It is to prepare for a practical business career as well as for admission to higher institutions.

The proposed New Philosophy is not merely a philosophy of education. It is to be "universe—and eternity—wide in its sweep." The author proposes to disregard the historical order in which the sciences have come into existence, and presents his scheme as a "remedial agent to set right a perverse humanity which through the ages has persisted in learning the things it ought not to have learned and in leaving unlearned the things it ought to have learned." It is some such scheme as this that the educators of the world have long been looking for. The order which constitutes the foundation of the educational system here advocated is "the order of universal development, the chronology of evolution, the program of God's creative week written on the rocks and stars." The work proposes the study of natural phenomena in successive stages, beginning with chemistry, and ending with sociology and theology, the principles mastered in each stage forming a logical foundation for what follows. The scheme is clearly outlined, and the announcement is very well written, and, while it promises a good deal more than is ordinarily realized, it is worth a careful perusal. Copies of the pamphlet will be sent free to any one applying for it.

JOAN OF ARC.
THE ENGLISH MAIL COACH. By De Quincey Edited by J. M. Hart. New York: Henry Holt & Co. Price 30 cents.

These selections are for the purpose of interesting students in the writings of this author. The introduction and notes are helpful in enabling the reader to see something of De Quincey's life and character, and his style of writing.

FIRST LESSONS IN LANGUAGE.
ELEMENTS OF COMPOSITION AND GRAMMAR, By Gordon A. Southworth and F. B. Goddard, Ph.D. Boston: Leach, Shewell and Sanborn.

Exercises for practice in the construction of sentences and in composition, in letter writing and in business forms, with the analysis of sentences and the essentials of grammar. The connections and relations of parts of sentences are made not only plain but interesting.

PRACTICAL LESSONS IN LANGUAGE. By Benjamin Y. Conklin. American Book Company, Price 35 cents.

It has been said that our schools used to train pupils to parse Paradise Lost all through without making a mistake while they murdered the King's English in their every day speech. This book is intended to correct this state of things. The exercises are "practical." They lead to the proper making of sentences. "Things to notice," and "things to do," and intentional omissions will give exercise to the mind as well as to the fingers of the children.

A FIRST AND SECOND LATIN BOOK AND PRACTICAL GRAMMAR.
A PRACTICAL INTRODUCTION TO LATIN PROSE COMPOSITION. By Thomas K. Arnold. American Book Company. Price $1 each.

The Latin books of Dr. Arnold were for many years used in most of the schools in England and America. These books have been revised and additions made by Rev. J. A. Spencer and James E. Mulholland. Good scholars were formerly made by the use of these books. The hope was not held out to students that the Latin language could be learned in a few easy lessons. Imitation and frequent repetition and reviews are insisted on to insure accuracy. Much attention is given to the usual forms and idioms, and also to the order of words and flexibility in arrangement. We are glad to see these books, familiar in former years, brought out in this revision.

MY SATURDAY BIRD CLASS. By Margaret Miller, Boston: D. C. Heath & Co. Price 30 cents.

Familiar talks with children about some of our most common birds. Very good engravings of the birds are given, and descriptions taken from standard authorities.

HARPERS' SCHOOL READERS, American Book Company.

Some of the books of this series have been well known for some time. The sixth has been lately published, completing the series. The series has been carefully prepared. The first and second books are primary, the third and fourth intermediate, the fifth and sixth advanced.

The primary, the first and second, are intended to make the learners familiar first with the form of words. Short Saxon words are used, words that early are familiar to children by daily use. The words occur frequently enough to make them definitely impressed on the mind, and the reading exercises are calculated to develop an intelligent mastery of the words used. The reading exercises are of a character to interest the children. In the third and fourth books the vocabularies are judiciously enlarged and arranged alphabetically, with definitions, and marked for pronunciation. The habit of referring to authorities for exact information is thus formed. The reading lessons are sufficiently varied. The fifth is made up entirely of selections from American writers, and the sixth of selections from English authors. There are no very long, continuous readings, but the selections embrace a wide range of subjects, historical, biographical and scientific. They are adapted to call into exercise the intellect, the sensibilities, and the will. There are models of the highest literary excellence, and extended notes that will aid in a critical study of literature. It is not claimed that there is anything new in the conception and arrangement of this series. They are on the old plan of school reading books and are designed simply to teach reading. Emotional readings are given a place. Patriotism is taught in frequent and stirring pieces. The highest moral truths are taught. An appreciation of the beautiful in expression is cultivated by some of the choicest poems of the language. All the prime essentials of teaching reading seem to be admirably embodied in this series.

THE CLASSIC MYTHS IN ENGLISH LITERATURE. Edited by C. M. Gayley, Professor of Literature in the University of California. Ginn & Co.

This book is based chiefly on Bullfinch's "Age of Fable." Stories and myths are taken from Greek, Roman, Norse, and German. The stories of heroes are well paraphrased. There is an extended commentary giving explanations and interpretations. There are poems that illustrate the myths. There is a list of the great works of art, the subjects of which are taken from mythology. The book contains genealogical tables of ancient houses, an index of mythological subjects, and of authors and artists who have written on or illustrated them. There are many illustrations and some excellent maps. Figurative language enters largely into the early speech of all nations. Bacon found profound wisdom expressed in ancient mythical speech. These myths have been the suggestive subjects of our choicest literature. The increased attention given to the study of literature has created a demand for a convenient book giving these mythological stories and the interpretations of them. Not only teachers but general readers will find this book interesting in style and matter, and useful in explaining classical allusions that occur so often in our reading.

JOHNSON'S UNIVERSAL ENCYCLOPEDIA. Prepared under the direction of Chas. Kendal Adams, L. L. D. Published by D. Appleton & Co., New York.

This work recommends itself to the school public for more than one reason. The comparison with other encyclopædias establishes at once the fact that it is compact in form, that the articles are written by specialists who have covered their subjects completely, yet without unnecessary superfluity of words. As a reference book for schools it cannot be surpassed. The School Board Journal will in the future give a more complete review of this remarkable work.

"You are a lot of wooly-headed chumps!" shouts the Ottawa, Ill., city council to the board of education. "You're another lot!" whoops the board. "Better attend to your business a little!" yells the council. "Mind your own business!" howls the board. And thus the merry war goes on in that city like so many others.

EXHIBIT OF CENTRAL SCHOOL SUPPLY HOUSE, LIBERAL ARTS DEP'T, WORLD'S FAIR.

EXHIBIT OF THE CENTRAL SCHOOL SUPPLY HOUSE.

Notable, if not foremost, among the school supply exhibits seen in the Liberal Arts Department of the World's Fair was that of the Central School Supply House, of Chicago. This enterprising firm has done itself credit and maintained its reputation for conception, genius in materializing, and practical application of educational ideas.

Its Teachers' Anatomical Aid needs no special comment when mentioned to teachers or progressive school officers. It has been before the public for a number of years and has merited the highest praise and stands pre-eminently superior in its line. It has been adopted in probably the majority of all of the best schools of the country, and it is not an unusual thing to hear people remark as they passed by the exhibit, "that is just the same as the one we have in our school." The apparatus is so ingeniously, neatly and yet durably gotten up as to commend itself to all teachers, school officers, and any one interested in the adaptation of modern ideas of construction to probably the most valuable of all appliances, viz., school devices.

The Progressive Reading and Number Study, another specialty which is as pre-eminent in its line as is the Anatomical Aid, and which is arranged and edited by Miss Mary E. Burt, of Chicago, was there be seen. This apparatus is the embodiment of Miss Burt's idea of primary teaching, and all who are in any way acquainted with the profession know of the scholarship and experience of Miss Burt. The pedagogical ideas which pervade the entire apparatus distinctly characterize it from all other primary works and make it impressive to all who see it, whether they be teachers and acquainted with modern methods or not. Miss Burt says that "the expression of an idea is a sentence and not a syllable," and hence she used intelligible sentences instead of meaningless syllables and words. The apparatus contains not only lessons on Reading and Numbers, as the name would indicate, but also word-building, phonic drill, patriotism, color, time, money, art-thought, and primary science, arranged according to the ideas of Prof. Wilbur Jackman, who is well known to progressive teachers. The apparatus is a model of completeness and is meeting with a very wide adoption. The publishers, usually sanguine, have themselves been surprised at the hearty reception which the apparatus has received.

The greatest achievement, however, of this progressive firm, is in their series of Relief Maps. All teachers and students recognize the importance of studying the topography of the land as well as political boundaries, location of physical features, such as rivers, and so on. The difficulty which has heretofore prevailed, however, in pursuing such studies is in the fact that it has been necessary to study the political features from one map and the physical features from another, and the topography from the imagination, or a relief map made by the teacher at odd moments and based upon necessarily meagre information, or by means of a relief map constructed by hand, showing nothing but elevations and depressions, and hence giving no relative information.

The Central School Supply House has overcome all of these disadvantages by combining in their series of Relief Maps the political and physical features in a harmonious and accurate way. Their maps may be studied as political maps entirely, or as relief maps. They have achieved what has been striven for since such an appliance as a geographical map has been known, viz., the combination of the features above mentioned.

A member of the Royal Geographical Society of London, and one of the oldest map engravers of the world, says that he considers that series of relief maps one of the crowning achievements of the nineteenth century. Heretofore relief maps have been made of plaster of Paris, or some other breakable and heavy material and have necessarily been too fragile and difficult to handle. In other words, it has been necessary to march the class to the maps instead of bringing the maps before the class. Then, too, such maps have been very expensive, because all of the rivers, towns, and names have had to be added with the brush or pen and ink. In order to make them correct it has been necessary to spend a great deal of time, and hence the maps have been very expensive, and necessarily inaccuracies would creep in.

This house has overcome these objections by printing their map the same as any other map is printed, and the entire weight of any one of the series, not counting the frame which surrounds it, would not exceed five or six ounces, and yet it is impossible to batter down the surface even by striking it with a hammer or other implement. The maps are practically indestructable, and as for accuracy, it is well known that if the first map is made correct all others must be likewise.

They make a series of seven maps, consisting of Europe, Asia, Africa, North America, South America, the World on Mercator's Projection, the United States, and, in addition, a map of the several states and territories. This will make a complete series of eight maps, including one of the state in which the series is sold. They are all mounted in nice, antique oak frames, and are inclosed in a beautiful paneled cabinet case. Many teachers and persons acquainted with the use of geographical maps have been heard to remark that this series will revolutionize the teaching of geography in our schools.

In addition to the foregoing they show a most artistic and pleasing line of engraved Diplomas. We are told that they do, perhaps, the largest business in the line of making school diplomas, awards of honor, and so on, that is done in the country.

They also have a line of school furniture, and their Chicago Automatic School Desk is the embodiment of grace, comfort and durability. Their line of school supplies and apparatus is complete, and the catalogue which they issue is as attractive as it is comprehensive.

The officers of the Company are: F. A. Lorenz, President; F. J. Albrecht, Vice Pres. and Sec'y.; and T. L. Haines, Treasurer.

A DECIDED ADVANTAGE.

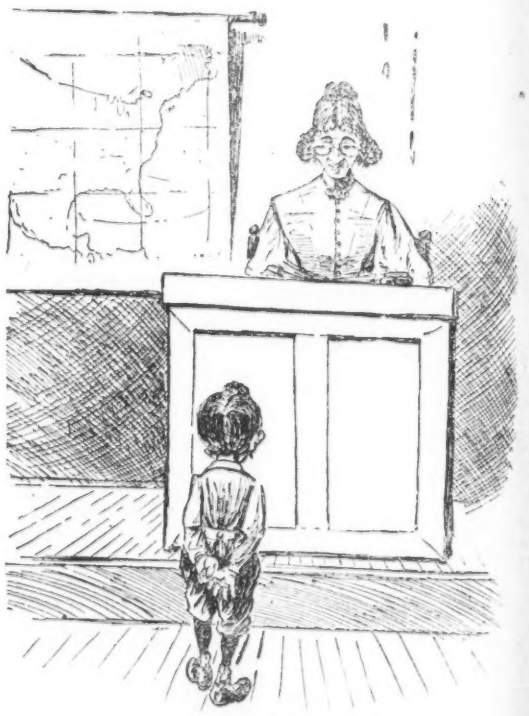
AN ORGANIZATION WHICH MAKES A SPECIALTY OF SCHOOL HOUSE CONSTRUCTION.

The progress which has been made from time to time in all lines of practical school house construction and equipment has also finally developed a company which devotes its sole energy towards the practical and economical construction of modern school houses. The advantages derived can readily be seen and understood. The School House Construction Co. of Peoria, Ill., has been formed for the purpose of making a specialty of school house work. They plan, build, furnish and complete all under one contract, or plan separately, contract separately, furnish separately, as the Board may desire.

Their object in starting out in this branch of business in this manner was to better facilitate matters in the way of school house building, believing that better results could be obtained at a much less cost if all that goes to make up a first class modern school was thoroughly understood by the parties making the plan. The idea of letting the work all to one responsible concern cannot help being recognized as a much better and more desirable way than to peddle it out to a dozen parties that have had no practical experience in this particular line of work, and the only reason given for doing it in that way would be local preferences.

By this way of doing business the Board has but one party to contend with. A firm or corporation making a specialty of school house work is better qualified to give to the school board the latest and best devices that go to make up a perfect school room.

(Continued on page 16.)



Easily Seen Through.

Teacher—Tommy Taddells, what is the meaning of the word "transparent?"

Tommy—Something you can see through.

"Name something you can see through."

"A ladder."

He Invited Them All.

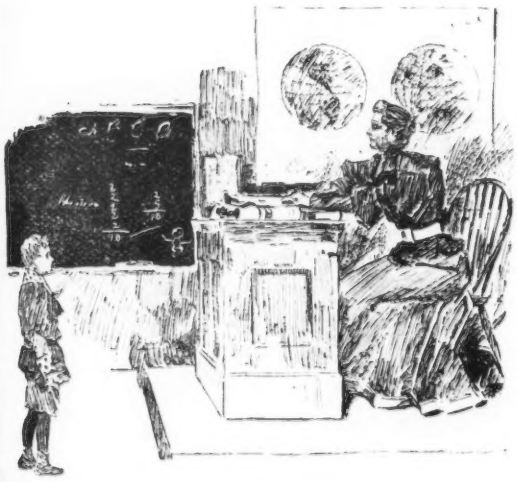
He was on his first trip. School room work had become tiresome and his ambition to become a well-dressed school book traveling agent, had been gratified This was his first town. They needed spellers. He had studied up all the good points in his speller, and committed to memory a few of the sharp thrusts at the books of rival firms.

Among other things which he remembered in his instructions was a little remark by his manager. "Don't hesitate at times to invite some of the school people to your hotel to dine with you. Does no harm and may do some good. Something in good fellowship, you know."

This bothered him and he pondered over it. His mind was finally made up. The town had some genial board members and some handsome teachers. He would invite them all.

And he did. At supper time the hotel was swarmed with school people. After the repast the school marms and board members filed into the parlor where the book man made an after dinner speech on spellers. He spoke long and eloquently. All enjoyed themselves hugely and the famous speller was adopted.

The book man got word from his firm, however, to quit the "book business" and to go back teaching again. And, wrote the manager, "You eat too confounded much. We can't stand your hotel bills."



1

Teacher—Johnnie, you didn't study this lesson!

Johnnie—'Deed, I spent an hour over it last night, ma'am!

A Chairman With a Purpose

In a Pennsylvania town the chairman of a school board consisting of five members, presided over a meeting at which the adoption of a school history was under consideration. The chairman was rather partial to the book, which we will call "Jones' History of the United States," for the sake of convenience, and was anxious for its adoption. He felt confident that three votes were in favor of the history.

To his surprise, however, he found when a vote was taken that there were two votes for and three against the book.

"Quick as a flash, the chairman turned to one of the negative members and said: "Mr. Simpkins, what have you against Jones' History?"

"Well" drawled the member, "nothing in particular."

"Then Jones' History is adopted," promptly replied the chairman and declared the meeting adjourned.

Educational Advancement.

SWEET SCHOOL MA'RM: No Algy, I do not believe in corporal punishment. It ought to be abolished in the schools.

ALGERON: Yes I presume so It is barbarous. But let us get ready for our promenade. Your little brother has gone to bed I hope.

SWEET SCHOOL MA'RM. Yes, that mischief! If he ever grows so talkative again as he did last Sunday night, I will spank him good and hard.

SCHOOL ROOM HUMOR.

Teacher: Johnny, what is memory?

Johnny: The thing you forget with.

Teacher: Now children, I have told you that we had five senses. Johnny, you may tell me how we may use them.

Johnny: To buy soda water.

Teacher: Who can tell me what induced Sir Walter Raleigh to spread his coat over a puddle for Queen Elizabeth to pass?

Tommy Traddles (whose father holds a city appointment): He was workin' for the job of street commissioner.

Teacher: Define Gentleman.

Boy: A gentleman is a growed-up boy wot used to mind his mother.

Teacher (to a boy in his class): John, correct the following sentence: It are very cold.

2

And this is the way Johnnie spent the hour over his books.

John (as he wipes the perspiration from his forehead): It are thundering hot.

Schoolmaster: Now, Robert, can you tell me how many pints there are in a quart?

Publican's Hopeful: Why, yes, sir. One and a half, and the froth!

Aus dem Literatur Unterricht.

Professor: Hier begegnen wir dem Citate: Es gibt im Menschenleben augenblicke! Wer sagt das und an welcher Stelle?

Schüler: Wallenstein im zweiten Akte seines Todes!

Kindlicher Kummer.

Warum weinst Du denn, Fritzchen?
Meine Brüder haben Ferien und ich nicht.
Warum hast Du den keine Ferien?
Ich geh' ja noch gar nicht in der Schule!

Schnell Orientirt.

Herr: Was studieren Sie, wenn ich fragen darf?

Student: Ich—ich—(zieht schnell seine Studentenkarte vor und wirft einen Blick darauf) Jural.

Nach dem Rang.

Mutter: Aber Stoffele, Du bringst ja eine furchtbar geschwollene Backe aus der Schule nach Hause!

Stoffele: Ein Ohrfeig' hab' ich kriegt.

Mutter: Aber gleich eine solche!

Stoffele: Ja, sie ist auch von Herrn Oberlehrer.

He Wanted a Teacher.

The president of an Indiana school board gives an example of the "newer education" in writing as follows to a teacher in Lafayette: "Ar you imploid for the school year yet iff not what is the chance for yo to tach for ous this year as we want a good tacher for the gramer deportment iff yo ar not im ploid let me hear from you By Retern male and oblije, etc."

Prehistoric Hen Fruit.

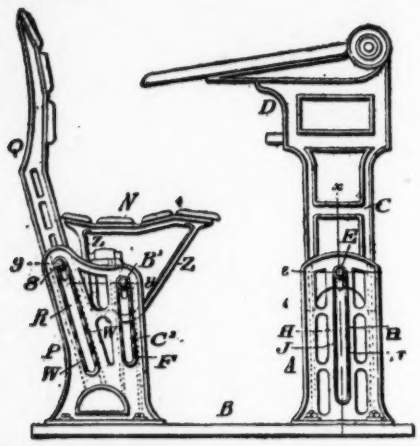
Landlady (sternly)—What are you examining that egg so intently for?

Professor—For hieroglyphics.

NEW THINGS.

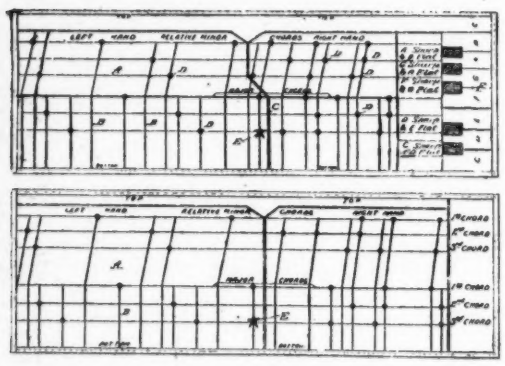
LAST MONTH'S INVENTIONS ON SCHOOL SUPPLIES AND EQUIPMENT.

SCHOOL DESK AND SEAT.—Joseph Hauss, Frankenthal, Germany.



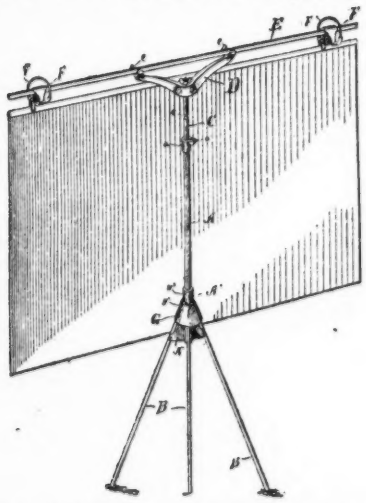
The above engraving is a description of an adjustable desk, seat and back, having slotted standards supporting the same; bolts connect the desk, seat and back with the standards, and the teeth on the bolts engage the serrations; the tongues on the bolts freely enter the slots of the standards.

MUSIC CHART.—James H. Brady, William A. Whitehead, and Samuel J. Shea, Frankfort, Ky.



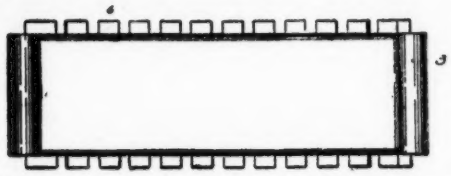
The musical chart as given above, is divided into major and minor sections, and, moreover, is provided with a series of horizontal lines and cross lines intersecting the same; the cross lines are partly arranged across one of the sections at right angles to the horizontal lines and partly across the other section so as to be oblique to the horizontal lines. The indicating characters are fully set forth upon these sections.

MAP HOLDER.—Henry Smith, Chicago, Ill.

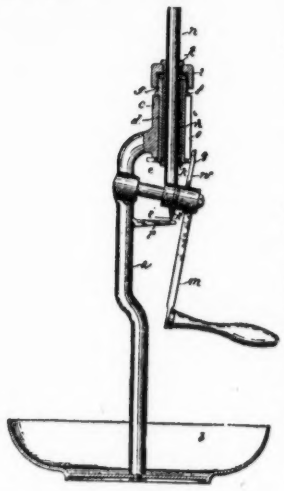


The map-holder as described above, consists of the combination of a standard, a supporting base, a supporting bar, and a saddle ring for holding maps; the map consists of a main portion having lugs to which is secured a U shaped ring, one of which is rotatably secured in one lug and the other adapted to be sprung into and held in the opposite lug.

BLACKBOARD ERASER.—John Haggerty, Bradford, Pa.



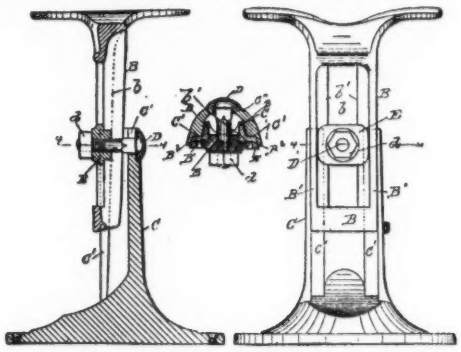
The above is a model of a black-board eraser which is provided with a series of rectangular pieces of felt or similar material, formed with plane faces whose ends project beyond the body of the erasers.



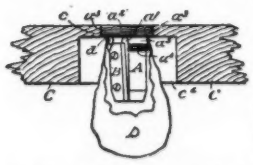
PENCIL SHARPENER.—Alfred Fornander, New York, N. Y, assignor to Eberhard, Faber.

The pencil sharpener as seen above, consists of the combination of the pencil holding chuck, which is rotative in the headstock, and the star wheel, which is combined with the rotating cutter, and the star wheel shifting arm of the cutter.

ADJUSTABLE SUPPORT FOR SCHOOL FURNITURE.—Thomas R. Roulstone, Somerville, Mass.



The above is a general outline of an adjustable support for school furniture; it consists of a base portion C, having vertical tapering guides C1, and a shank B, having a vertical slot and tapering guide ribs B1, fitting the tapering guides of the base portion, and finally, of a clamping bolt which engages the base portion and extends through the vertical slot in the shank.



PENCIL SHARPENER.—Henry W. Hopkins, Wilton, N. H.

The accompanying engraving is a pencil sharpener, consisting of the combination of the knife and the holder, provided at its pencil-receiving end with an enlarged head, having an external screw-thread, to enable the same to be attached to a board; the pencil-receiving end is to be flush with the surface of the board.

Members of the late building committee at St. Louis, Mo., were highly amused at an application for janitorship, which read as follows: Chairman of beulding Comittie of School Board; Jentlemen —I here By have sent in my application to you as a janitor I thirby understand janitorship thirby Experience in Janitorship it is true that I am a cullard man I can furnish you with some of the Best of Refirence in the city if you have no vacant at Presart that you can Put me at are in I hope that you will let my application lie until the first vacant I shall come as soon as I shall Receave notice from you I hop and trust that you can take sume action upon this I am yours truly——

Rite Me at once Plase. Good By.

JONATHAN PIPER.

Continued from page 3.

men then living who by mental endowments and physical makeup were better fitted to rough the school work of those days. Amid all the inconveniences and untoward conditions of those pioneer days he maintained his enthusiasm and energy, working constantly for educational advancement, and generally without pay.

He has passed through the various stages of school "fads" and school novelties and stands today a leader as a school book critic. He has witnessed the breaking out of the "fad" measles in successive generations of teachers, and his long and successful career in his arduous calling has made him in later years of his life an authority in school book work and in general educational matters.

His social qualities are many. It is not uncommon to see the genial veteran the center of a gathering of school officials or school book men, narrating his experiences, spiced with humorous incidents, anecdotes, etc.

A DECIDED ADVANTAGE.

Continued from page 14.

The Company has made a specialty of introducing air into the school rooms. The plan originated with them and has it in use in Peoria, and it has proven to be a grand success. It has always believed that air could be introduced into a school room in quantities sufficient to keep the air pure and healthful without any expensive machinery to accomplish the same, but in order to do this it is necessary that the building should be constructed and planned with that object in view.

The firm are the patentees and manufacturers of the Dickson Dry Closet, which is said to be the best closet in use. They have just closed the contracts for putting the closet in two schools at Pana, Ill., and one each in La Fayette, Ind., Tuscola, Ill., and North Peoria, Ill. They already have them in use in Joliet and Peoria, where they are giving the best of satisfaction.

The Company has no hesitancy in saying that in school house planning and construction and equipments they stand well to the front as has been demonstrated in the new Greeley School in Peoria which they built last year. The Board of Education of Illinois appointed a committee to investigate one hundred of the best school buildings in the state, with a view of making an exhibit at the World's Fair. The Greeley School, which this Company planned and put up in Peoria, was given the first award as being the best 12-room school building in the state. By their method of flues they have succeeded in circulating an average of 100,000 cubic feet of air per hour in each of the twelve rooms. This they do without any costly machinery, such as fans, gas, etc.

The air circulation is obtained by their manner of construction. The partitions in the flues are made of a sensitive material to heat. The one side of the heat flue makes one side of the vent flue. The partition becomes heated from the heat in the room and heats the vent flue sufficient to create good circulation of air at all times.

When summer ventilation is required they have a device that they give to school boards employing them free gratis.

The Company has just secured the contract for a $30,000 school at Streator, Ill., and also furnished the plans for a $75,000 building at Marshalltown Iowa.

The following provision was made in favor of the women at Omaha, Neb., who had not registered. It is based upon the proviso contained in the Australian ballot law: "You do solemnly swear (or affirm) that you are twenty-one (21) years of age, that you have resided in this school district for forty (40) days last past, that you own real property in the district, or personal property that was assessed in the district; so help me God."

SCHOOL BOARD NEWS.

Superintendent Roth of Bradford, Pa., suggested changing the rule that requires suspension of a pupil as a punishment for absence. He thought it a poor rule to correct absence by sending the pupil out of school. It is the duty of the teachers to keep the children in school, not to send them out for dicipline.

At Philadelphia a course in cooking will soon be placed on the curriculum of all the Girls' Grammar schools, and as much attention shall be given to this study as to sewing and other classes.

At San Jose, Cal., an applicant for a teacher's position shall be deemed ineligible, who does not file with the board of education satisfactory proof of at least one years' successful experience in teaching.

It is said that Prof. Reagan, recently candidate for re-election to the superintendency was defeated by the teachers, who enlisted the support of fathers, brothers, etc., to bring about the desired result.

The Lincoln school of Minneapolis, Minn., is the first school in the United States to hoist the weather signal flags. This has been officially authorized by the weather department at Washington.

Mayor Gilroy, of New York City, has appoint dae revision committee to straighten out the school laws of the city. Several public hearings have been held and a large amount of valuable information and advice has been obtained. Perhaps the most valuable opinions were presented by the Male Principals' Association. This organization is made up of the best educators in the city. The members are all practical men who know all about the schools and how to protect them. The keynote of the principals' idea is that the present board of education should not be superseded by a paid board. They declare that this move would result in making the public schools the most tremendous political engine of modern times.

The Terre Haute, Ind., school board has summarily dismissed Prof. William Marlow, of the high school, on the grounds of abandoning his wife.

The school board of New Orleans, La., suggests the idea that where public spirited persons donate a large sum as a public school benefaction, the school may bear their name.

New York City. Experts of the Principals' Association are in favor of semi-annual promotions from one grade to another.

Minneapolis, Minn, The board of education has decided to place all the schools in the city under the state high school inspection, for one year, as an experiment.

At Philadelphia, Pa., the museum will contain complete sets of text books from all countries; specimens of schools' work; curricula from the schools of every country; rules, regulations, laws and enactments; school and educational statistics, and an exhaustive exhibit of devices for school sanitation.

Hutchinson, Kan. The patrons of the schools complain, because of the half-day service given many children, whose parents pay as much taxes as those whose children receive a whole day's schooling.

The cost per pupil in the following cities for the years 1889-90, the last year reported by U. S. Commissioner was: Toronto, Ont., $9 45; Albany, $15.24; Boston, $27.86; Brooklyn, $15.56; Buffalo, $15.87; Cambridge, $21.10; Chicago, $19.95; Cincinnati, $20.03; Cleveland, $17.61; Columbus, $17.22; Dayton, $21.86; Detroit, $15.11; Kansas City, Mo., $18.34; Lowell, $18.28; Minneapolis, $22 49; Newark, N. J., $16.06; New Haven, $18 86; New York, $17.89; Oakland, $21.98; Omaha, $23 05; Rochester, $17.55; San Francisco, $23 94; St. Louis, $16.77; St. Paul, $32.19; Tacoma, $17.25. This only includes teachers' salaries and current expenses, omitting permanent improvements.

Mr. J. S. Crosby of the New York City board of education offered a criticism regarding the expenditures for educational purroses saying that the giving of an elaborate acedemic education was contrary to the intention of the common school system.

Mr. Roby of Portland, Ore., recommends an intermission from 12 to 12.30, and to dismiss at 2.30 P. M. instead of 3.30. Applicable to the high school.

Philadelphia, Pa. The first sectional board requested the board of education to abandon the practice of clay modeling in the schools, as it was "considered unhealthy, and of little use, if any, to the pupils, and, therefor, a waste of valuable time."

Supt. Brooks is in favor of shortening the noon recess of the public schools of Philadelphia. The noon intermission in the principal cities is less than two hours.

Supt. J. N. Patrick of Streator, Ill., is waging war against traditional or quack Normal school graduates who pose as teachers. Moreover he deplores the fact, that there are too many incompetent young teachers.

The executive committee of the school board at Milwaukee, Wis., authorized Supt. Peckham to suspend teachers who violate the rules regarding corporal punishment. The rules do not permit an assistant teacher to inflict corporal punishment without the permission of the principal.

In New York City there are children at present compelled to study with their lessons on their knees, there being no desks for their use.

The Whiting system of music was recently adopted at Emporia, Kansas, Vinnicenes. Ind., and at the College for girls at Indiantpolis.

Dr. Cambell en old member of the Detroit school board died sudddenly lasi month.

Among the representatives of school book houses who took part in the "reader contest" at Milwaukee were the following:—Jonathon Piper, Robost Forseman, D. B. Berry, H. H. Hilton, Mr. Dockerill, L. F. Phebus, Hugh Foresman, A. N. Clancy, L. B. Todd, J. D. Williams, W. H. Wheeler, Mr. Lobdell, Mr. Kendall, L M. Dillman, C. C. Birdard.

The Short-Conrad Co. of Cleveland, O., is now equipping a number of new school buildings with the celebrated heat regulation device called the Telethermometer. School officials should communicate with the Company. Old as well as new buildings are easily provided with this device.

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FIRSTLY. Spencer says: "Grammar was made after language, so it ought to be taught after it." And on this principle the author of *Hyde's Practical Lessons in the use of English* has worked in preparing her books. The series recognizes the necessity of first teaching the child to use language correctly, and then of following this with the teaching of formal grammar. So good an authority as the Professor of Pedagogy in the University of Wisconsin says of the books: "I find much in the books that seem to me admirable, and am certain they will contribute to the formation of correct habits in language and a taste for good literature." Supt. Balliet of Springfield, Mass. says: "The series is better than any other in the market." The following diagram of comparative sales of these books in the past five years is instructive.

Could evidence be stronger or moral plainer?

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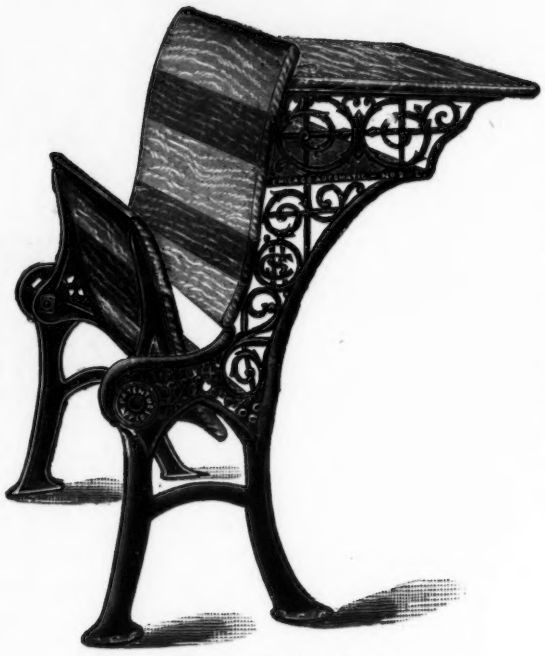

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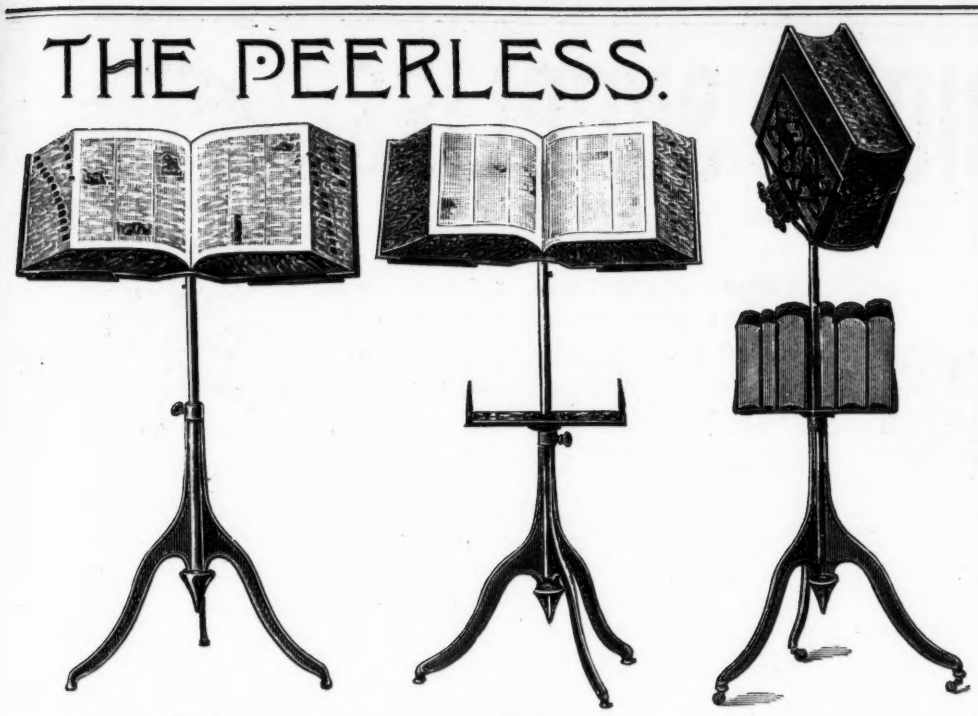

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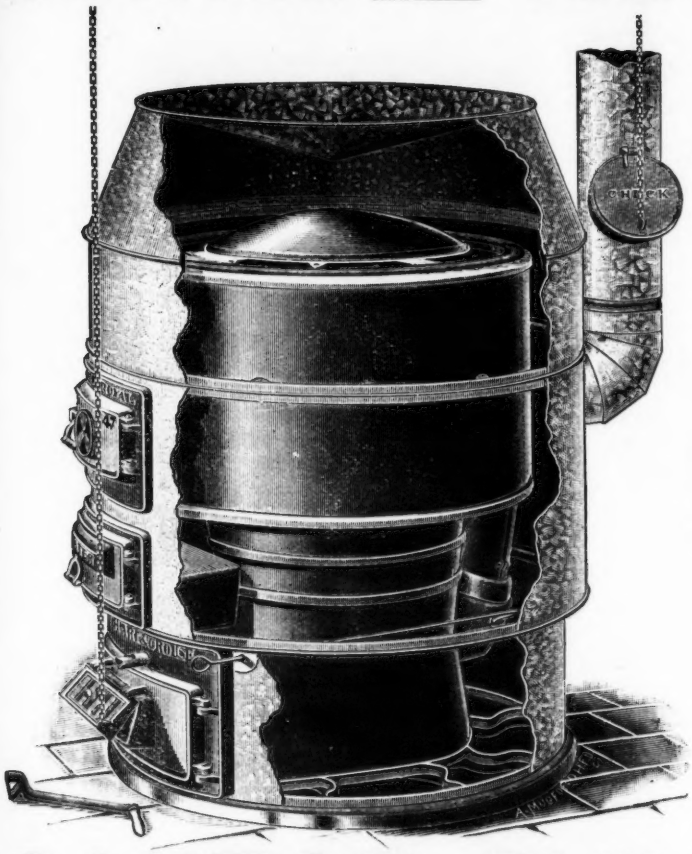

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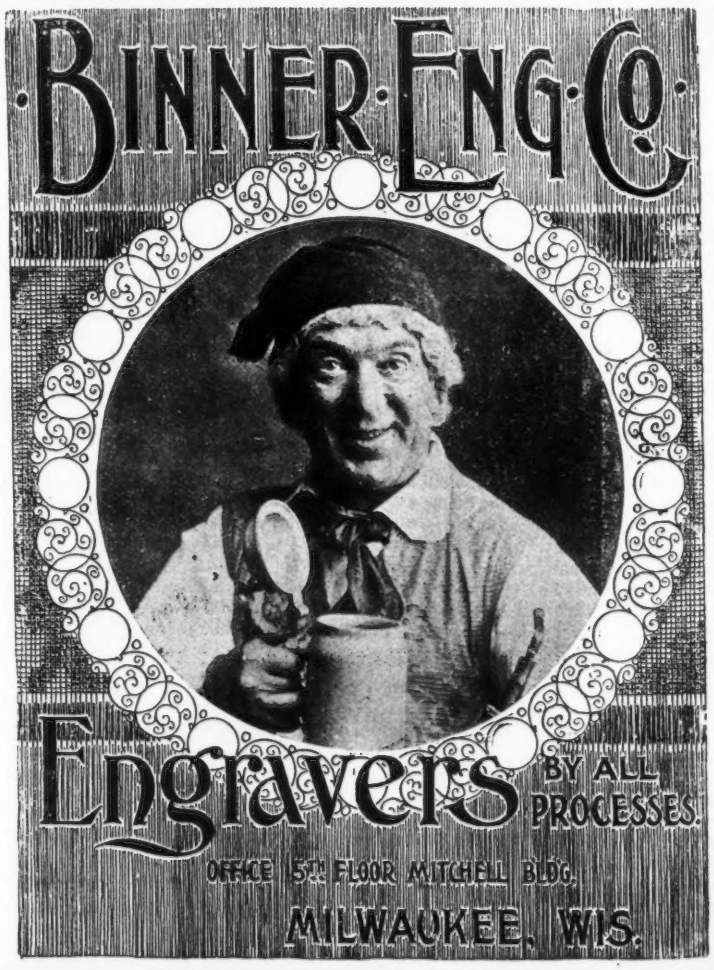

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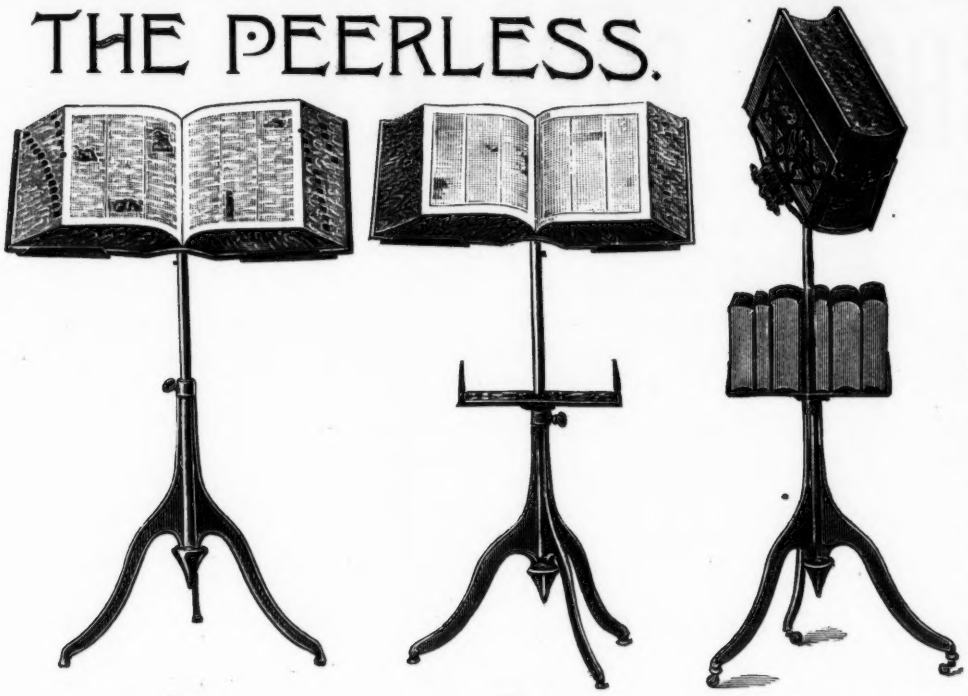

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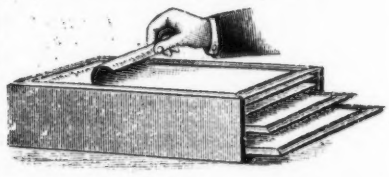

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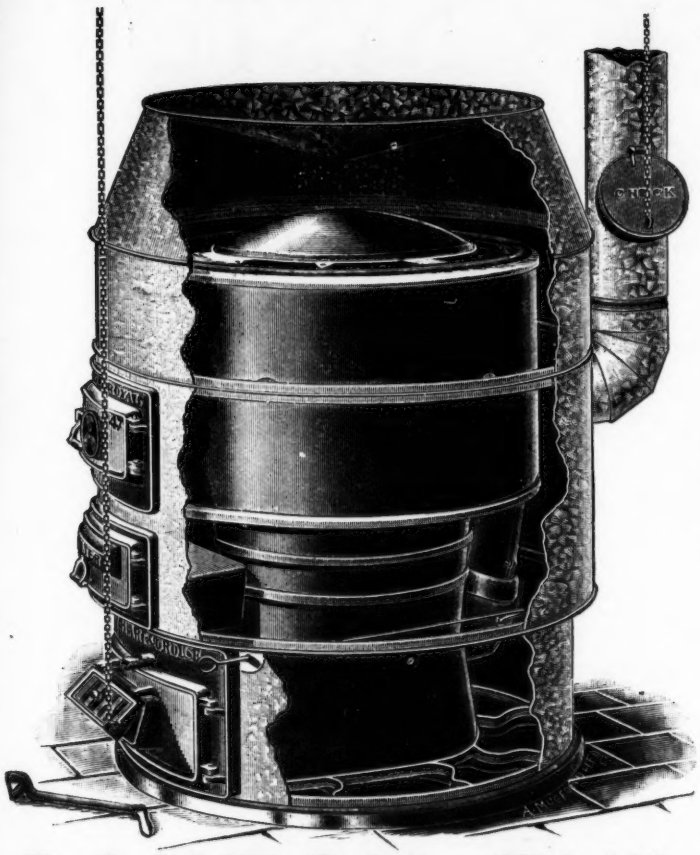

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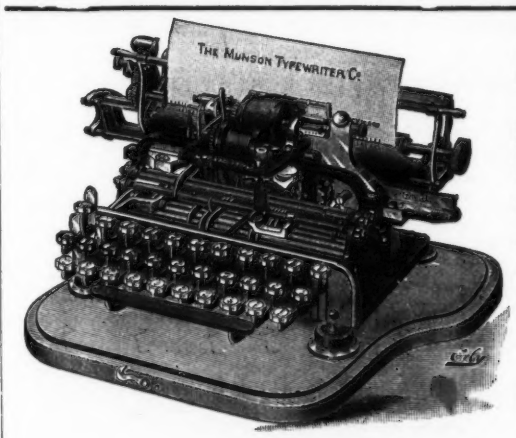

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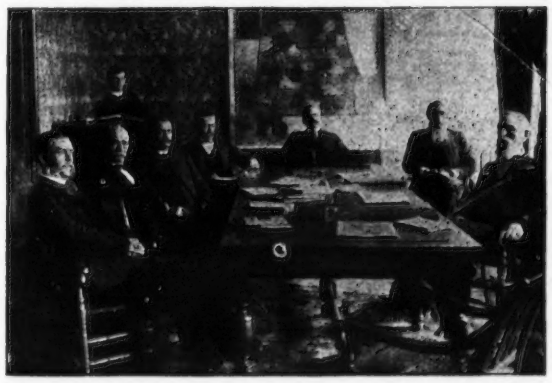

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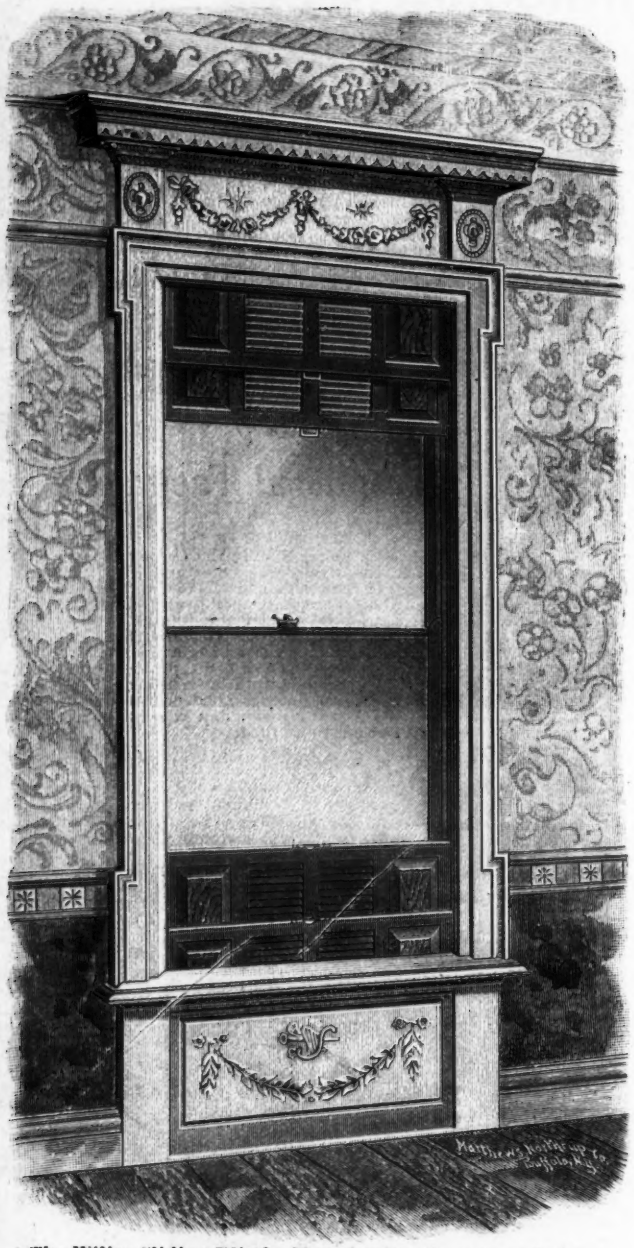

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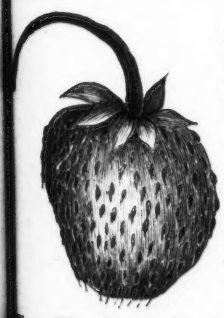

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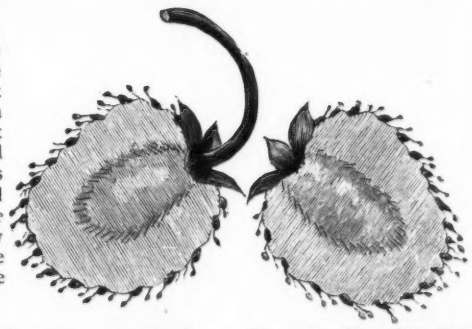

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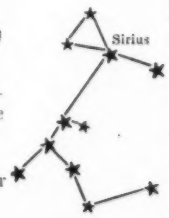

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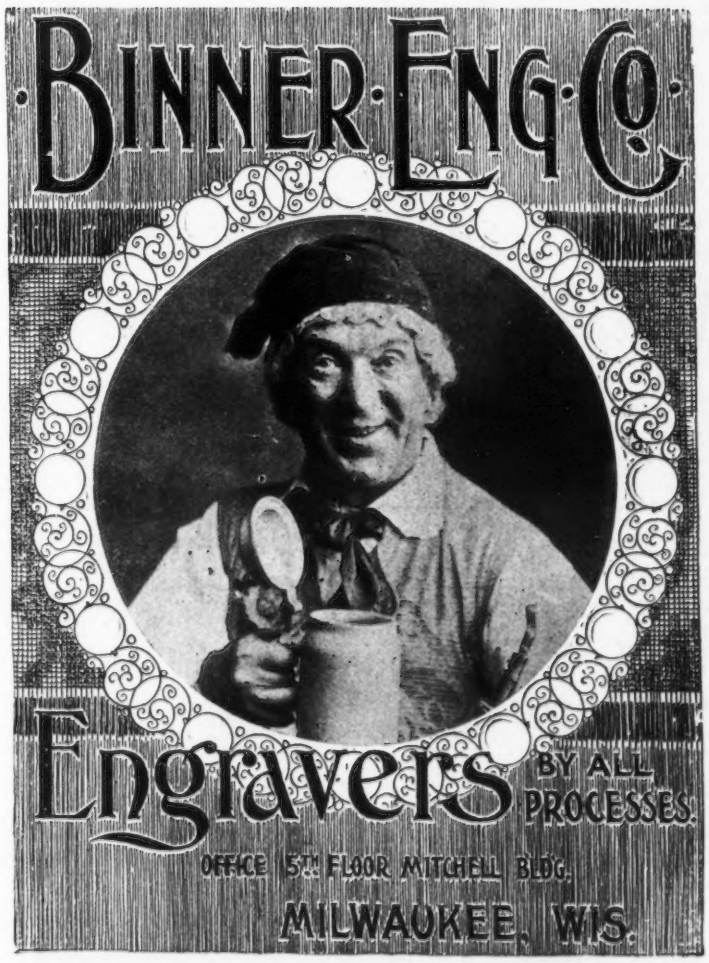

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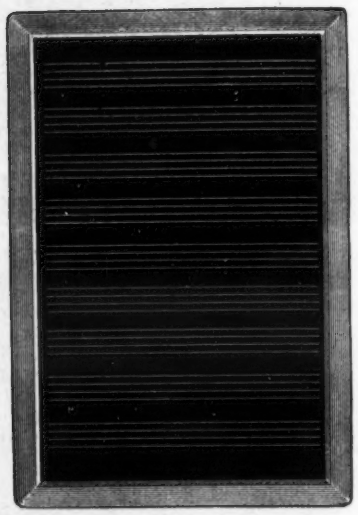

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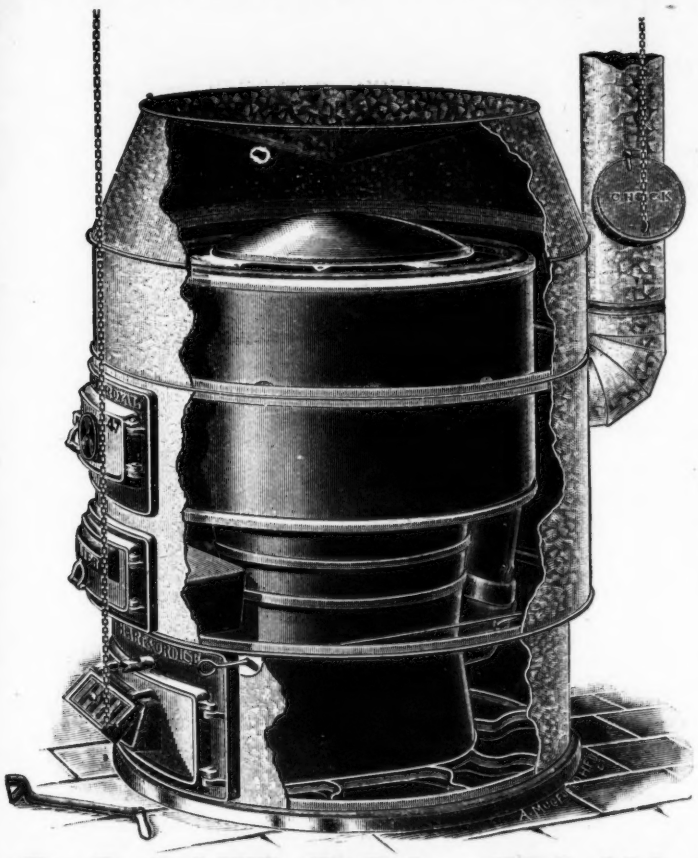

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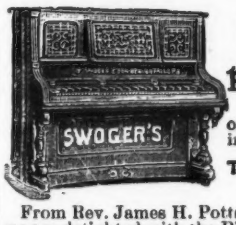

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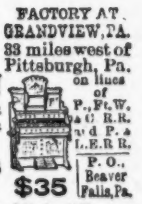

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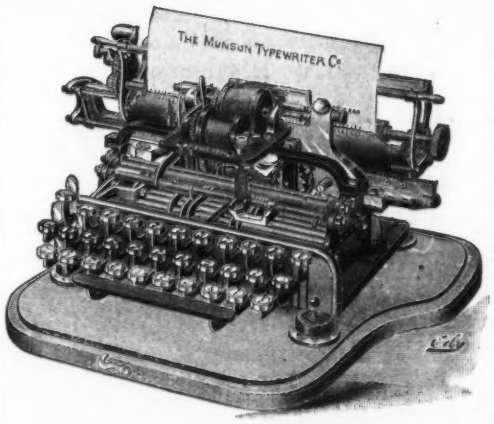

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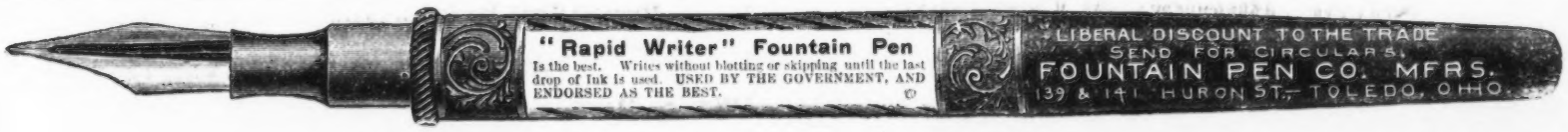

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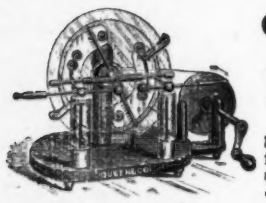

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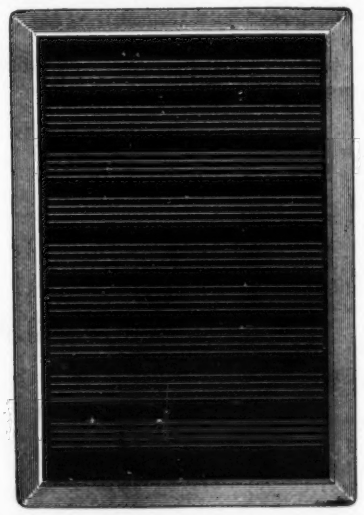

features of the slates is the fact that the lines always stand out prominently and clear and thus do not strain the eyes of the pupil in writing. The teacher can examine the work more quickly and with better discrimination. Again, the lines preserve their color and will stand all ordinary use as long as the slates will last.

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James V. Burke has presented a bill of $4,500 to the board of education, of Chicago, for furnaces that are not available in the newer schools. Payment has not been made yet, and a law-suit will probably follow.

The Marion, O., school board has given the contract of heating and ventilating the high school building to Bennett & Peck Heating & Ventilating Co

The school board, of Brainard, Minn., after visiting and inspecting the different systems of heating and ventilating in use in the schools of Minneapolis, St. Paul and Milwaukee, has awarded the contract to Fuller & Warren Warming and Ventilating Company for their system of heating and ventilating for the four new schools now in course of construction. Cost of system $6,500. It is provided in the contract that on any signs of failure in the system, it shall be removed by the Fuller & Warren Company at their expense, and all money paid shall be returned to the board; also a trial of one winter is given before the final payment shall be made to the company.

The board of public works, of Milwaukee, Wis., has awarded the work of replacing the plumbing in the Sixth District Primary school to Thos. Engel, for $1,070. The condemned school houses are now all in the hands of the plumbers, the contracts having been let conditionally. The work necessary to be done at this time to enable the schools to be opened with the least possible delay is to be done and paid for out of the $5,000 appropriated by the common council.

Among the later school buildings which have been equipped with the Johnston System of heat regulation are the Blair School at Waukesha, Wis. The Kellom and several other schools at Omaha Neb., and the College Law Building located a Madison, Wis. The efficiency of this system has been so thoroughly established that no modern school building can be considered perfect without it. The economy in the matter of fuel as well as comfort combined with the best hygiene have brought the system into general use by all progressive school systems.

ROLLING PARTITIONS FOR SCHOOLS.

One of the most unique, at the same time serviceable features, introduced in Eastern school rooms is the rolling partition. These partions can easily be adjusted and are great convenience, being sound proof and air tight. They are durable and do not get out of order. In arranging classes and dividing recitation rooms or halls the rolling partitions are eminently practical and useful. The manufacturer, Jas. G. Wilson, 74 West 23rd Street, New York City, has succeeded in producing the best and most economical article. He will forward a handsome illustrated catalogue for three two cent stamps.

BUSINESS OPENING.

Parties with capital seeking connection in the school book publishing line may communicate with "ESTABLISHED" Care of School Board Journal Milwaukee, Wis.

ARE YOU A MEMBER?

If you have anything to do with the board of education you should be posted on the matter of heating. Write for an interesting book of 64 pages on "Warming and Ventilating." It will be sent free by the Herendeen Mfg Co., 11 Mill Street, Geneva, N. Y.

SUMMER NORMAL SCHOOL.

Arrangements have been completed to open a summer school at the Cook County Normal school beginning Monday the second week in July next and continuing three weeks. The sessions will be held mornings only, thus giving the teachers attending, an opportunity to visit the World's Fair during the afternoon and evening.

The members of the faculty engaged are specialists of the first order in the departments over which they will have charge.

GIMBEL BROTHERS.

Milwaukee, March, 1893.

At your service, the silk man says. The light play of color, the soft firmness of the fabric are enough to make one enthusiastic, but what can the pen do in the presence of such a display? Suggest? Only hint at long range.

They are here now most all the Wash Silks for shore and mountain, and all the uses that warm weather time hints at, and anything else.

A snap shot at a few.

Iridescent with Broche figure, $1.50 yard up.

Glace Novelties, $1.00 up.

Scotch Plaided, $1.00, $1.25.

Striped Armure, in many pleasing shades, $1.50.

Black Broche China, 75c, $1.50 quality.

Wash Silks, 39c to $1 00.

Chinas 50c up. There are over one hundred and seventy-five patterns of the Chenys at $1.00.

The store chronicler gives the new arrivals in Dress Goods thus:

Shades of Henrietta, one hundred and ten, 75c a yard.

One hundred and twenty-three shades at 98c.

As many of the Serges at 75c and $1.00.

Poplin or Epingle, fifteen varieties, 75c a yard up.

Silk Dotted Novelties, Vesting, forty sorts, $1.00 up to $4 50.

Silk Mixed Novelties, twenty sorts, $1.00 up.

Silk Stripes and Plaids, twenty-five sorts $1.00 to $2.50.

Scotch Melanges, thirty varieties, 25c up.

Broche Novelties, fifteen sorts, $1 25 up.

And so on. Rich picking as can be. The field is ripe for selection if you are ready.

A very pleasant surprise for the woman who has linens to buy. 75c Irish Damask, 72 inches wide.

We thank a Gimbel now in New York for this very exceptional value.

(Signed)

GIMBEL BROTHERS.

3 & 5 Grand Ave.
174 & 176 West Water Street.

BUNDE & UPMEYER.

For perfect completeness in collection, our DIAMONDS are without rival,—much less equal.

Our taste and skill have been given for years to the manufacture of beautiful jewelry, and we will make to order any device—including CLASS PINS, MEDALS, etc.

No need to send East for fine STATIONERY—we have an excellent assortment of such.

Choice and varied stock of WEDDING PRESENTS from the most elaborate to the less expensive.

Goods sent on approval.

Special and very liberal terms to teachers.

Bunde & Upmeyer,

MANUFACTURING JEWELERS,

MILWAUKEE, - WISCONSIN.

GOOD POSITIONS FOR TEACHERS

WRITE

The American School Board Journal

TAKE YOUR FAMILIES TO THE WORLD'S FAIR.

The SCHOOL BOARD JOURNAL has thus far been reluctant in endorsing enterprises which provide for quarters for World's Fair visitors. One, however has come to our attention which combines economy and security, and is under the management of that veteran school book representative, Major Cheney, has our heartiest endorsement.

The enterprise is conducted under the name of Camp Lincoln and offers wall tents at the rate of $2.50 per day or $15.00 per week. These tents are provided with from six to eight beds complete. The camp is located near one of the World's Fair entrances, and is provided with every convenience that can reasonably be expected.

The beds will be wire spring mattresses upon iron bedsteads, with blankets, sheets, and pillows kept scrupulously clean. This will enable men to take their entire families with them and remain at the World's Fair for a week or more at a comparatively small cost.

Those who wish to gain further information on the subject should address Major J. A. Cheney, 40 Dearborn St., Chicago, Ill.

An interesting advertisment of F. B. Mills, Rose Hill, N. Y., will be found in another column. It gives some valuable points on various fruits, flowers and vegetables which will prove a source of information to every one.

FREE We have decided until Jan. 1, 1893, to give away 100 standard books by popular authors, to the first 100 persons answering this advertisement each day. Should we receive less than 100 answers each day, every person answering will get a book free, postpaid. If we receive more, the 100 books will be given to the senders of the first 100 letters received each day.

Agents Wanted—

10 WEEKS FOR 10 CENTS

In 1846 was established THE YANKEE BLADE which is now the oldest and most popular weekly story paper in America. It has 16 pages of intensely interesting reading, and averages over a million readers every week. The regular subscription price is $2.00 a year. In order to show the YANKEE BLADE to as many persons as possible during the next few months, we shall send it to new subscribers **10 weeks on trial for 10 cents.** It is a condition of the foregoing offer that you send also the names of three story-reading friends. New yearly trial subscriptions will be accepted for $1.00, just half the regular subscription price, and if 10 cents extra is inclosed for postage and packing, we will give outright one **YANKEE BLADE PRINTING OUTFIT,** highly recommended for marking linen, and for boys desirous of learning the printer's art. Indelible ink included in every Outfit. Price of Outfit alone, 50 cents. Stamps taken for fractions of a dollar. All large amounts may be sent safely by registered mail or P. O. money order. An express money order costs only five cents, and is an absolutely safe way to send money. Satisfaction guaranteed. Address at once, mentioning this paper.

POTTER PUBLISHING CO., THE YANKEE BLADE, 86 and 92 Federal Street, Boston, Mass.

Fountain and Gold **PENS** Made and Repaired.

CROWN PEN CO, 78 State St., Chicago

WILLIAM MEYST,

STATE AGENT

Fidelity and Casualty Co.,

Montgomery Building,
Cor. Michigan and Milwaukee Streets.

Accident Insurance.
Plate-Glass Insurance.
Boiler and Elevator Inspection and Insurance.
Employers' Liability Insurance.
Burglary Insurance,
and Guarantee Bonds.

Milwaukee School of Music,

Fall term opens Sept. 12. For Catalogues address, J. C. FILLMORE, Director, 422 BROADWAY. MILWAUKEE, WIS.

Wanted—Good Teachers by

THE AMERICAN

School Board Journal

Broken Teeth Before Being Operated On.

Porcelain Dental Work

Is fast superceding all other Methods

of restoring broken or partially decayed teeth to usefulness and natural beauty. The lavish display of gold fillings so irksome to many, has relegated to the past where it belongs by Dr. H. R. Johnson, and the majority of his patients are new wearing porcelain in place of gold.

Another grand invention of Dr. Johnson's is an anasthetic for filling teeth without pain. Operations that have hitherto been too painful to endure are now made perfectly painless.

Consultation free at our Dental Parlors,

136-138 GRAND AVE.

Broken Teeth Restored by Porcelain Facings.

GIVING WOMEN A CHANCE.

LARGE ENTERPRISES MANAGED BY WOMEN—SPLENDID PROFITS EARNED BY THEM.

Many avenues in business and commercial lines which have heretofore been closed to women are being gradually thrown open. Women have been given freer scope to business activity and enterprise, and where they have availed themselves of opportunities they have as a rule been equal to their male competitors. Large sums of money have been made in enterprises managed entirely by women.

The rapid growth in wealth and power of the United States has undoubtedly offered women special business advantages, and that they have been observing and quick to profit thereby is best shown by the recognition of their ability and influence in financial circles.

The enterprises which have been undertaken by women have in most cases resulted with enormous profits to those who have connected themselves with them. Few, if any of them, have begun with more favorable auspices than the Woman's Publishing Co., of Minneapolis, Minn., publishers of "The Housekeeper." This organization is not only fostered by the best ladies, but actually conducted by the shrewdest women in America, some of whom enjoy a national reputation. The officers and board of lady managers are made up of such ladies as Kate Buffington Davis, Minneapolis (Editor of "The Housekeeper"), president. Member for Minnesota of the Advisory Council of the Woman's Branch of the Auxiliary Committee of the World's Columbian Exposition.

Corinne S. Brown, Chicago, vice-president. Of the World's Congress Auxiliary of the World's Columbian Exposition.

Louise Jewell Manning, secretary. President and director of the Manning School of Oratory, Minneapolis.

Mary B. James, Minneapolis, treasurer. A prominent and active member of the W. C. T. U.

Mrs. Alice Houghton, Spokane, Wash. Member of the Board of Lady Managers of the World's Columbian Exposition. Also superintendent of the Woman's Department of the State of Washington.

Miss Harriet Twitchell, director of the Minneapolis Froebel Institute for the training of teachers in Kindergarten and Schulgarten systems.

Sarah B. Vrooman, Kansas City, Kas. Distinguished in temperance and all philanthropic movements.

These well-known ladies saw clearly the future of the enterprise, and gave it at once their hearty support and co-operation.

The enterprise which has a fixed commercial standing was incorporated under the laws of the state of Minnesota, May 2d, 1892, with the authorized capital of $400,000, divided into shares of $10 each, for the purpose of doing a general publishing business, and the owning of such publications and books as will be for the best interests of the company.

It will be readily seen that no enterprise should receive the patronage of the general public more readily than this one, and that no person would find a safer and more profitable investment than in this organization. The company now makes a proposition to secure the co-operation of a large number of new stockholders, and for that purpose has decided to offer 10,000 shares of the capital stock to women only. The present price is $10 per share, per value, payable if desired in monthly installments of $1 a share. A July semi annual dividend of at least 5 per cent. will be paid.

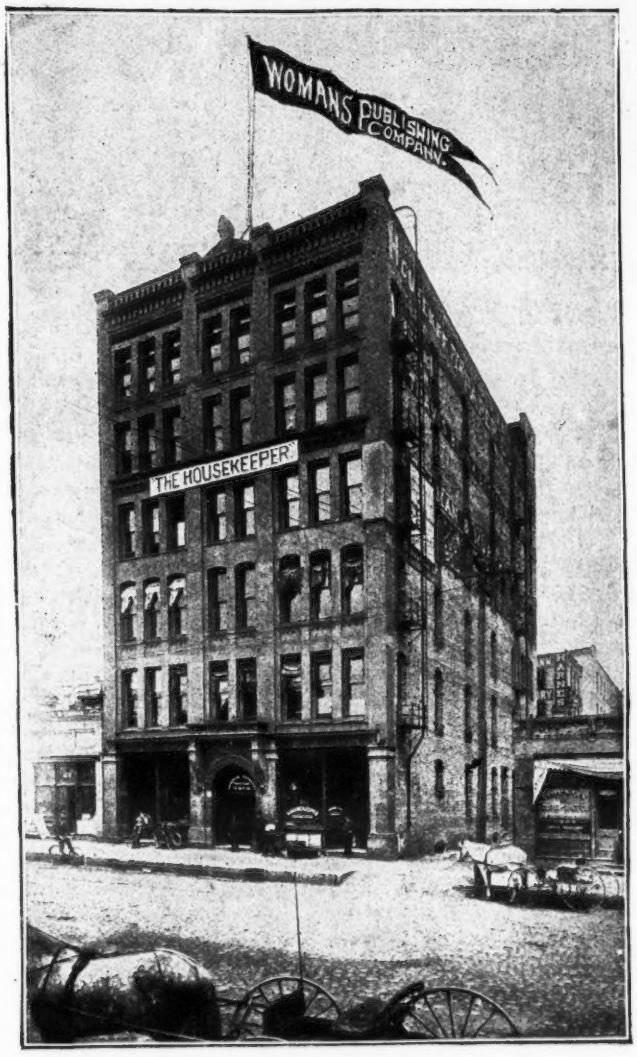
This company owns "*The Housekeeper*," the best ladies' semi-monthly paper in the United States, having a larger circulation than any other similar paper in the world. The advertising patronage of *The Housekeeper* amounts to very large sums each year, and as the subscriptions are all paid for, the advertising is all or nearly all profit, and is applied to the payment of dividends. Orders for advertising for January were over $7,000 in excess of January, 1892. If this can be kept up it will enable them to pay at least 10 per cent. dividends easily, or $5 every six months for every 10 shares of stock.

A comprehensive and compact review of the company and its doings are summed up in the following questions and answers:

Q.—What is the Woman's Publishing Co.?

A.—It is a woman's company, owned, operated and managed by women. It is incorporated under the laws of the State of Minnesota. Its charter gives it the right to establish, purchase and acquire publications, and to publish books and periodicals.

Q.—Is its existence limited?



A.—By its charter it is given the right to continue in business for twenty years, consequently it is permanent.

Q.—Is it an industrial enterprise?

A.—Yes, it will employ none but women, except in such departments that absolutely require the services of men, teaching them under improved methods to become skilled in each branch of the publishing business, and give them the best wages possible. And to every woman in the employ of the company who meets all the requirements a certificate of proficiency will be given; thus other business houses will be able to avail themselves of unquestioned skilled labor.

Q.—What is the capital stock?

A.—$400,000.

Q.—Is any of the stock for sale, and what is the price of shares?

A.—A limited number of shares are for sale, the price is $10 per share, full paid, non-assessable, and subject to no liability in any way beyond the amount invested.

Q.—What is done with the profits of the business.

A.—They are paid to stockholders in dividends.

Q.—What risks do shareholders take?

A.—None whatever; their shares cost them $10 each, and are subject to no assessments in any way.

Q.—Will the price of shares advance in value?

A.—As the five per cent. semi-annual dividend paid in January, 1893, and as the next dividend, July, 1893, will be at least five per cent, the stock actually paying ten per cent, and with probabilities of paying still greater dividends from present indications, the holdings of the company will be such as to warrant the price of each share.

Q.—Do small stockholders receive as large dividends proportionately as large stockholders?

A.—Yes. When a dividend is declared each share of stock receives the same amount.

Q.—When are dividends paid?

A.—Semi-annually, January and July. The last dividend in January was five per cent. and we shall pay to fully paid up stockholders on record March, 31, at least five per cent. in July next, which will be mailed direct to all stockholders.

Q.—What of the officers; are they good financiers?

A.—All of our officers are well and favorably known throughout the country as business women, shrewd and capable in every respect.

Q.—How can a woman get shares in this enterprise?

A.—By writing to the company, state how many shares you wish and enclose a draft, money order or check for the number of shares desired in the manner prescribed above.

The great publishing house in Minneapolis presents a wonderful scene of activity. The large force of females in the various departments busily engaged with *The Housekeeper*, and in all the various stages of the making of a great woman's paper, and in the other departments of this vast hive of industry. The ponderous machinery, with its unique improvements for printing, binding and publishing are interesting to the visitor.

The plant embodies a large building equipped with all the requisites for the advantageous and successful operation of the publishing business. The increase in the working capacity of the plant will soon be a necessity, as the wonderful impetus in our business and the increase in all branches has for some time been phenominal.

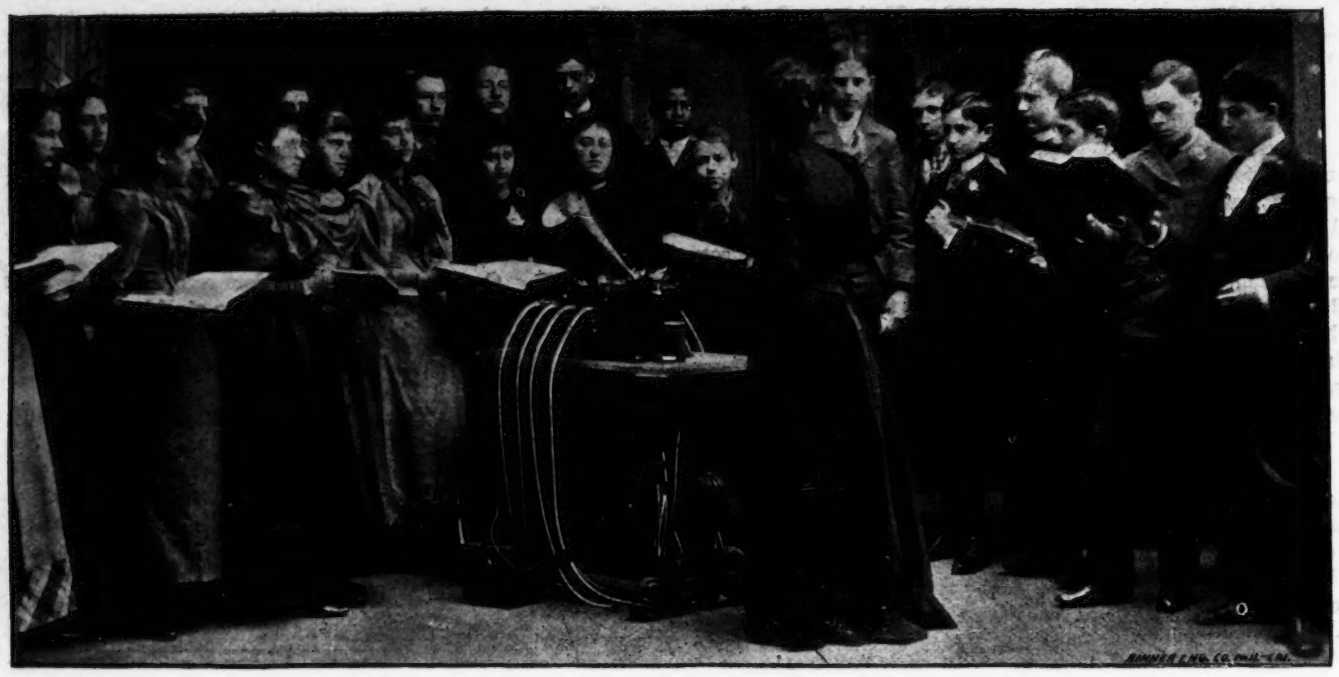
We take pleasure in presenting to the readers of THE AMERICAN SCHOOL BOARD JOURNAL with a comprehensive statement of the enterprise together with a hint in reference to its splendid future. The Woman's Publishing Co. is doubly deserving of prominence; first because its stock presents an opportunity seldom equalled for small investors to realize handsome profits, and secondly, because there are many features in connection with its plan of operations that are praiseworthy for their beneficent aim.

The proposition of selling stock to women is a wise one. The thousands of investors in all parts of the country can only revert to the prosperity of the company, for each shareholder will thus become an agent for the company and lend additional influence to the success of the enterprise.

A visit to the offices in Minneapolis, in the six story building, giving ample evidence of the thrift and importance of the enterprise. The ladies are thoroughly imbued with their work and the very closest attention is given to every department and no opportunity is lost to gain new ground step by step.

The stock is increasing in value. Profits are paid to stockholders in dividends. Each additional stockholder means a larger revenue, consequently larger dividends to stockholders. A small investment will bring you big returns. We are ready to say that any lady who has an investment in view—be it large or small—can here avail herself of an opportunity which is not likely to repeat itself very soon. An industrial enterprise which has the feature of supplying a popular want, which is managed by the ablest and best ladies in America—and which has already attained the recognition of the best people, cannot help but meet with the best result—and thus benefit alike stockholders and promotors.

In conclusion let us state that we know at present of no investment that could be made by teachers and friends with greater safety and offer a better return upon the capital invested than the Woman's Publishing Company, of Minneapolis, Minn.



A CLASS OF MILWAUKEE CHILDREN RECITING BEFORE A PHONOGRAPH.

THE PHONOGRAPH IN THE SCHOOL ROOM

Recent experiments have developed the fact that the phonograph has a definite educational value and that at no distant time it will find its permanent place in the school room. The many advantages which the phonograph combines are gradually attracting the attention of educators in all parts of the world.

One of the most significant facts is the use of the machine for educational exhibition purposes at the World's Fair. Steps have already been taken by boards of education to show to the visitor not only the results of the school room as to writing, drawing, etc., but to present to the visitor class work and actual recitations as they are held in the school room.

The uniqueness will at once become apparent when the visitor after having examined specimens of penmanship, examples in arithmatic, etc., finds himself confronted with a photograph showing the pupils, and a phonograph actually reproducing their voices in clear, distinct and natural tones.

In fact the results of the school room are brought to the visitor as closely and vividly as modern ingenuity is able to do this.

The phonograph not only produces every word that is spoken in the class room but gives the voices in their individual naturalness and purity. Recent tests made both at Milwaukee and Chicago have brought out some of very interesting facts.

The children and teachers in one school are able to hear the class recitation of another school.

This record can be duplicated and reproduced on any phonograph. Thus the children of a Chicago class room recently enjoyed the extreme novelty of listening to a class recitation of a Milwaukee school.

An illustration is given on this page showing the taking of a record before a class of Milwaukee children, under the direction of a teacher. A large receiving funnel or a number of receiving tubes is placed upon the machine and the sounds of the voices in the school room are transmitted upon wax cylinders. These are called "records" and show only slight indentations upon their surface.

They can be preserved for an indefinite time and used upon any phonograph.

The second illustration shows a class of Chicago children in the act of listening to the phonograph. They are delighted with what they hear in the schoolroom located a hundred miles away and both surprised and pleased to learn that the Milwaukee children are as bright and well informed as they themselves.

The phonograph will be the means of securing an actual record of class-room work. From the songs of tender children in the Kindergarten class to the declamations in the high school.

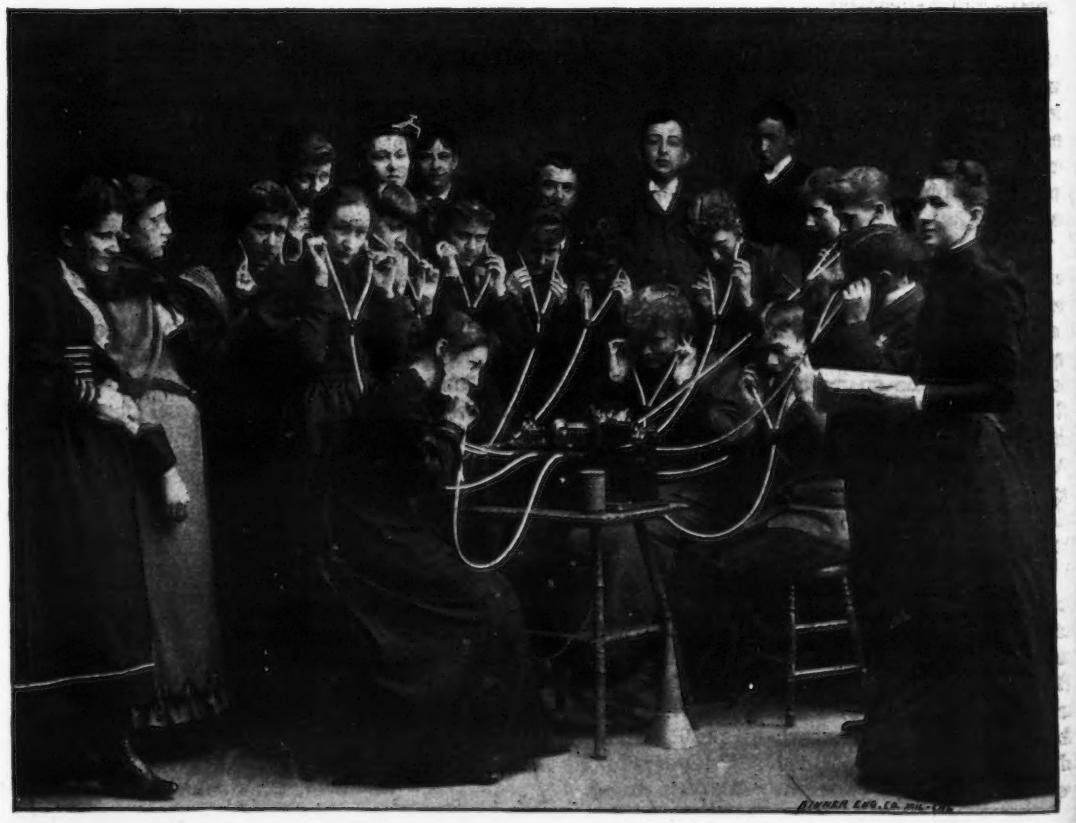
TEXT BOOK NEWS.

Brooklyn: Communications have been received: From Macmillan & Co.: Proposing to furnish Lock's Trigonometry, at 60c. per copy. From the American Book Co.: Proposing to furnish Lincoln's Livy's Roman History, at 98c per copy; Lindday's Cornelious Nepos, with notes, at 98c per copy; Johnson's Homer's Iliad, with vocabulary, at $1.06 per copy. From Ginn & Co.: Proposing to furnish Liddell and Scott's Abridged Greek Lexicon, at $1.58 per copy; Goodwin's Greek Reader, at $1.25 per copy; Pessages for Practice in Translation at Sight, at 67c per copy. From D. C. Heath & Co.: Proposing to furnish Whitney's Public School Music Chart No. 1, at $5.00; Whitney's Public School Music Chart No. 2, at $2.50; Easel, at $1.50; Crosbys Minerals and Rocks, cloth at 50c., paper 33c.; Thompson's Educational and Industrial of Drawing Books and Manuals for pupils—Primary Freehand Series, 4 Nos., per doz 84c.; Advanced Freehand Series, 4 Nos. per doz., $1.25: Model and Object Series, 3 Nos. $1.46; Aesthetic Series, 6 Nos. per doz., $1.25; for teachers—Manual Training Manuals, Nos. 1 and 2, each 21c.; Primary Freehand Manual, per copy, 34c.; Model and object manual, per copy, 50 cents.; Aesthetic Manual, per copy, 50c.

It is stated that objection have been made by the St. Joseph, Mo., school board, to the school text book law: The principal reason is that the law was intended to apply to country schools, and this places the graded schools of St. Joseph on a level with the schools in the rural districts. A six-months' course of study is prescribed, while St. Joseph has from nine to ten months school each year. Thus the course of study is completed in six months and the remainder of the term is considered a loss to the students. Another reason is that the text book commission has failed to provide an English grammar or mental arithmetic and many other studies that are required in the schools here.

A bill has been introduced in the Illinois legislature, the purpose of which is to supply school children with text books at wholesale rates. It authorizes directors and boards of education to purchase school text books, apparatus, and supplies, and to loan them to pupils or sell them at cost. It provides that, "at the annual meeting of every school district in the State held in April, the question of providing free text books for use of all pupils attending the public schools in the district, and levying a tax sufficient to meet the expense of furnishing free text books for the use of such pupils, may be submitted to the legal voters present at such a meeting and such a vote taken thereon. If a majority of the legal voters are in favor of it, then free text books may be provided at the expense of the district.

It has been stated that in the ventilation of school rooms one cubic foot of pure air coming directly into a room is of more value than twice as much air that comes through the cold air boxes in the basements and over the rusty hot air radiators in the furnaces.



A CLASS OF CHICAGO CHILDREN LISTENING TO THE PHONOGRAPH.

A BOLD THEFT.

EXPOSURE OF A SCHEME OPERATED BY TWO CANADIAN MANUFACTURERS.

The well known "Willer" blind which has won a national reputation and which is now recognized by architects and builders as one of the essentials in a modern structure, public or private, has, as is well established, no equal anywhere.

It is the embodiment of all the requirements of a complete blind and defies the production of a better article. It is therefore natural that an article of manufacture which has gained such a lead will find its imitators and imitations.

That manufacturers should however steal actual designs and the name "Willer" itself, which is as standard as any staple article, and which represents commercial value, must be stamped as disreputable and held up to public gaze.

Upon a thorough investigation of the subject it has been found that the Willer Manufacturing Co. has no legal redress. The Canadian patent laws aresuch that the American manufacturer is powerless. His patent rights, designs and trade marks can be stolen indiscriminately by the Canadians. This may be new to many American manufacturers and may lead some of them to inquire as to what extent their productions are appropriated and thus bring about some remedy through governmental intervention.

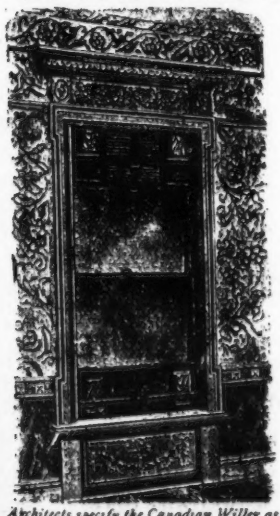
AN ORIGINAL "WILLER" BLIND.

THE AMERICAN SCHOOL BOARD JOURNAL has discovered the outrage and will expose in this article one of the most barefaced impositions upon American manufacture ever brought to light. To demonstrate matters clearly to our readers we reproduce an engraving of one of the celebrated "Willer" blinds which is found on page 9 of the Willer Manufacturing Co's. catalogue. It is a model in design and displays rare taste and beauty.

This attracted the attention of a Canadian manufacturer who not only copied the design in detail but also captured the name. The matter was first detected by the appearance of an advertisement in one of the Canadian architectural journals, which we reproduce herewith. This proves conclusively the utter recklessness with which these Canadians have trifled with the ownership and rights of the Willer Manuf acturing Co.

The fac simile presented herewith appeared in the Canadian Architect and Builder of Toronto and Montreal, New Year's number.

WILLER SLIDING BLINDS
(Known as the Canadian Willer).



These are the only Sliding Blinds made in Canada the SAME and EQUAL to the American make. The only Sliding Blinds giving universal satisfaction.

Architects specify the Canadian Willer as manufactured by
LEE & SEAMAN,
Toronto Blind Factory,
Cor. Queen and Northcote Ave., Toronto.
LEWIS SKAIFE Montreal Agent.

FAC SIMILE OF THE PIRATE ADVERTISEMENT.

Another trade journal, also published in Canada, contains an advertisement which we reproduce for the benefit of our readers, where likewise the name "Willer" is pilfered in the most brazen manner. Also their cut as shown on page fifteen of the Willer Mfg. catalogue No. 9.

THE "WILLER"
SLIDING BLINDS

We are now manufacturing *The Willer Sliding Blind* *The Willer Folding Blind* as well as the regular Inside Folding Blind. We furnish the Willer Blinds complete ready to put in place, and can furnish testimonials from parties who have used them. Having put in special tools for the manufacture of these blinds, we are in a position to compete in quality with the American blinds, and sell at a lower price.

For further particulars address
C. A. CANE,
34 ARGYLE STREET, TORONTO.
OR
THE WM. CANE & SONS MFG. CO.,
(LIMITED)
NEWMARKET, ONT.

FAC SIMILE OF THE PIRATE NO. 2 ADVERTISEMENT.

It must at once become apparent to all fair minded men that an utter disregard for rights is practiced by these Canadian manufacturers. The name and reputation of an article which has required the energy and enterprise of long number of years and at a great outlay of money is appropriated without even a "thank you."

How long this theft has been practiced and to what extent cannot be estimated at this time, yet it is safe to say that their operations have been extensive. This must be assumed from the advertisements which are an evidence of their present boldness the gradual climax of continued operations under cover.

The exposure at this time however will place a check upon the thievery and enlighten architects and builders, and the public in general, that the imposition which has been practiced upon them will be permitted no longer. Cheap imitations will not go with the American public when once the facts are understood.

A MINISTER'S WARNING.

DR. TALMAGE, GRAPHICALLY DESCRIBES THE MAD STRUGGLE FOR SUCCESS.

Men and women are being driven to destruction, he says, through excesses in work and living.—Fearful picture of a midnight scene in a millionaire's household.—Riches unable to brighten a wretched life.

There are few men in America who are so well-known as Dr. Talmage of the Brooklyn Tabernacle. He weekly addresses, through the newspapers, nearly 30,000,000 people, who are impressed by what he says, because it is the result of continuous observation and deep study.

Dr. Talmage has again and again called attention to a danger that menaces every man and woman in this country. In a recent sermon he once more repeats those words of warning. In speaking of the evils of over-work in business or social duties, he says:

"Oh, what an altar, what a sacrifice of body, mind and soul. The physical health of a great multitude is flung on this sacrificial altar. They cannot sleep, and they take chloral and morphine and intoxicants.

"Some of them struggle in a night-mare of stocks, and at one o'clock in the morning, suddenly rise up shouting, 'A thousand shares of railroad stock—one hundred and eight and a half; take it,' until the whole family is affrighted, and the speculators fall back on their pillows and sleep until they are awakened again by a 'comer' or a sudden 'rise' in something else. Their nerves gone, their digestion gone, their brains gone, they die."

At first thought this description seems overdrawn. But is it? Are we not too active, too intense? Do we not exhaust too rapidly? Do we get the pleasure out of life we should? Is there not some means by which we can make life easier? Thinking that the statements made by Dr. Talmage merited investigation, a reliable reporter has collected the following live facts which will be found of great interest. Mr. F. W. Whiting, well-known in connection with telephones, when told of the remark made by Dr. Talmage, said:

"Yes, we do live too rapidly. We succeed and accumulate wealth, but we exhaust ourselves in doing it. The average American spends the first half of his life in acquiring wealth and losing health, and in the last half he spends his wealth to regain his health. I know this from my own experience. The pace at which I did business nearly killed me. A few years ago I was nervous, irritable, run down. I longed for life yet did not care for it. I dreaded death but living was unbearable. What! In perfect health now? Yes, I am. I save my strength, use good judgment, and take Warner's Safe Cure regularly. I am not ashamed of this but rather proud of it. I have found it to be indispensable to my health and happiness. Do I work? Yes, hard every day, and I believe all Americans can do the same thing, regardless of the climate, competition or social demands, if they will act upon my suggestion."

Mr. C. E. Lawrence, the banker and member of the N. Y. Stock Enchange, when approached upon this subject, said: "Any one who has ever been in the New York Stock Exchange, or has witnessed the amount of mental pressure which it involves, does not need to be told that Americans live rapidly, and yet many of our men and women live to as green an old age as Europeans but in addition to working hard they recreate and use proper tonics. I think by experience, that Warner's Safe Cure is an excellent tonic."

R. C. A. Harvey, D. D., Washington, D. C., cheerfully made the following statement: "I take pleasure in stating that I have for many years been acquainted with the well known Warner's Safe Cure, and with its remarkable curative effects. In some cases of sickness which seem to be in the last stages, and which had been given up by practitioners of both schools, the speedy change wrought by this remedy seemed but little less than miraculous.

An interesting experience was related by Mrs. Neafie, No. 245 East Eighty second Street: "Five years ago," she said, "I became run down by sickness which finally ended in kidney disease. I was daily placed under a steam apparatus for hours at a time without effect, several physicians attended me and used all known methods to cause me to perspire. I had heard considerable about a remedy that had been recommended to me, and finally begun to use it. It really did work wonders in my case, and I would not be without it for any money. Personally I feel that I owe it to humanity to publicly mention that it is to Warner's Safe Cure that I owe my recovery."

With these plain truths in mind will you neglect the "minister's warning?"

A bill has been introduced in the legislature of Indiana which provides that the State Board of Education shall constitute a board of commissioners empowered to name the school supplies that are to be up as standard, and to name the maximum price for which each shall be sold, etc.; also to advertise for bids to furnish said supplies to the trustees of the state. Trustees are to make requisitions for the supplies upon the county superintendent, who applies to the state superintendent, and the state superintendent to the contractors. This bill, if made a law, the mover says, will effect a saving on school furniture, desks, maps, map cases charts, globes, crayon, erasers, blackboarding, school records and blanks, trustees' supplies and records from 30 to 60 per cent.

It has been estimated that it will cost $25,000 to introduce free text books in the schools of Buffalo. Superintendent Emerson believes that the time has come for the introduction of free school books in Buffalo and that public sentiment overwhelmingly demands it.

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As has been shown in the pages of the two preceding issues of this magazine, the International Self Closing Gas Burner Company of Milwaukee, Wis., is to be accounted a public benefactor in placing on the market and before the public the greatest life saving device of the age. We say "the greatest" advisedly. Those whose curiosity is sufficiently aroused on the subject, may consult the former issues of this magazine for positive mortuary statistics of asphyxiation from escaping illuminating gas. Suffice it, however, for the purpose of this brief article to state, that death or accident by reason of such asphyxiation is excepted from the benefits of the operation of every accident insurance policy in the United States. This is of itself sufficient to show, as is claimed by the company, that more of such accidents occur than all other accidents combined.

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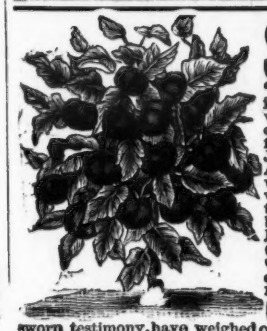

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'THE DANGER SIGNAL."

What promises to be one of the notable events in the history of the local stage, will undoubtedely be the production in this city of the famous comedy-drama from the pen of Mr. Henry C. DeMille, entitled "The Danger Signal," at the Bijou Opera House, week of March 5th. The play deals of life in the far West, its scenes being laid at a lonely railroad station of the Montana & Cheyenne R. R. It is said of Mr. De Mille, that before writing this play, and that wishing to have all the details in the shape of scenery and effects accurate, he personally made a journey to this spot, and spent several months on the ground sketching the same, and that the scenes can be easily recognized by most trans-continental passengers who have made the trip to California. The play deals of characters in that far western country that are remarkably true to nature, and tells a love-story that appeals stongly to the sympathies of the audience. The play is aptly termed an idyl of the rail, and contains many realistic railroad effects, including a monster locomotive composed of steel and iron, a freight train, railroad station and telegraph office, a cyclone rotary snowplow at work, and the cannon ball express, which crosses the stage at the rate of fifty miles an hour. Miss Rosabel Morrison, an actress of exceptional ability, will be seen in the leading role, supported by a strong cast of players. The play has had a continued ovation on tour, beginning with its phenominally successful engagement in New York City, and bids fair to make its proprietor, Mr. Edward J. Abram, a fortune in a very few years.

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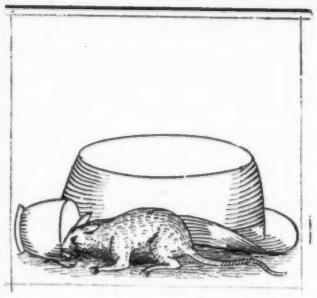

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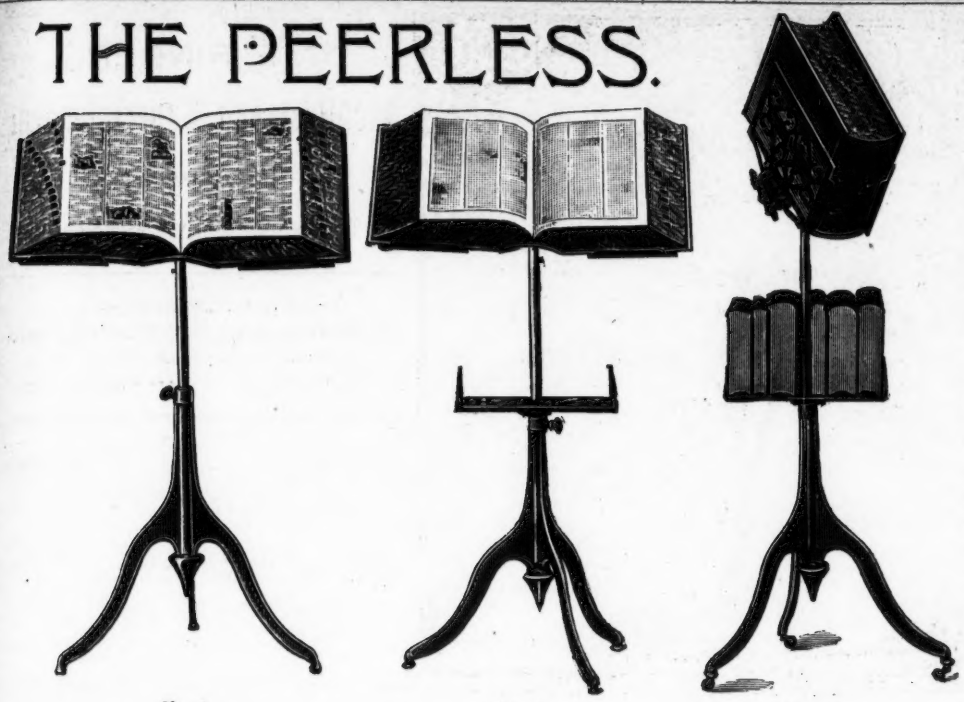

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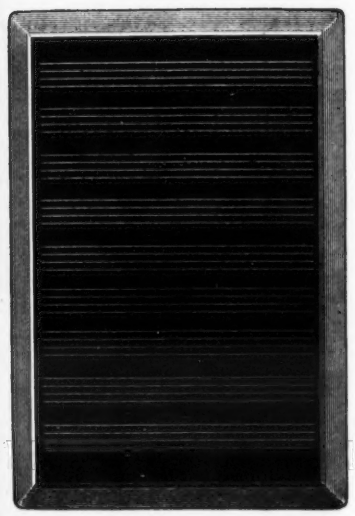

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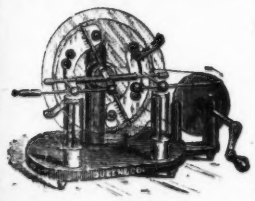

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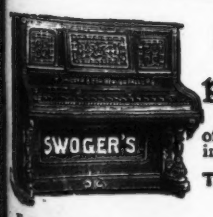

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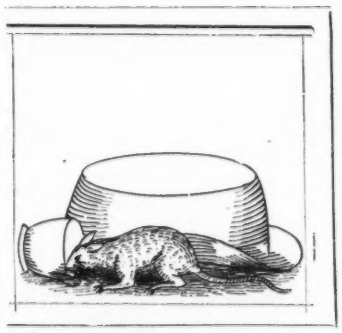

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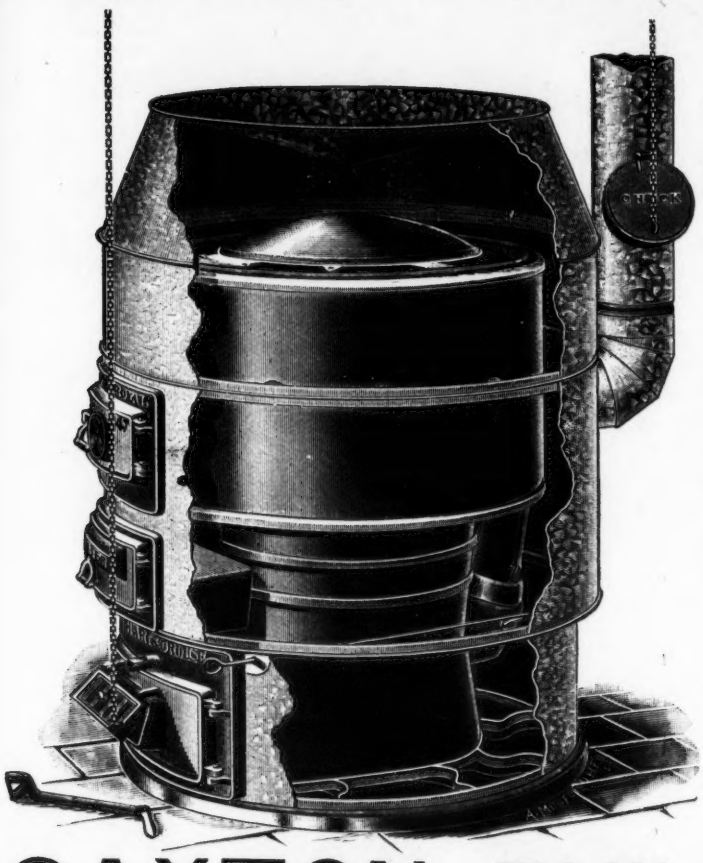

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THE EDUCATIONAL PHONOGRAPH.

The use of the phonograph for educational purposes has developed very rapidly in the past three or four months. The experiment that has been developed by leading educators in the way of recording, reading, spelling, arithmetic and music lessons has surprised all who have used the phonograph.

We all are well aware of the difference in the interest between an oral and a written recitation. While many of us like to look at the beautiful manuscript prepared by the pupils, there is nothing so attractive to the parent and to the spectator as to hear the child reciting in his own clear voice. There never has been a time in the past when there was any way for public exhibits to have the actual voices of the children, or, as we may term it, oral recitations, and examinations presented to the public without the pupils themselves being present. The phonograph has developed this plan so that at the coming World's Fair, quite a few of the schools will have the lessons of the children in story and in song presented so that the great public may be able to listen to the children's voices as they are actually heard in the daily recitations in the school room. A phonograph has been prepared with ten speaking tubes attached so that each and every pupil has his own speaking tube. The teacher takes her place in front of the phonograph, and when she is ready, announces that the reading class will now recite.

Pupil number one is called upon to read the first paragraph, using his own speaking tube, and the eacher, at the same time, having her speaking tube in hand, is ready to call for a rest, or a correction, f she cares to interrupt the pupil while he is reading. At the same time, the usual signal, where a child wishes to correct another one who is reading (by simply raising his hand,) and the teacher calls on him to point out the correction he desires to make, so that each voice as they are speaking through their regular speaking tube, almost direct to the phonograph itself is properly recorded on the wax cylinder. By the time an ordinary recitation of from five to ten minutes has been recited, you have from six to eight hundred words on one phonogram. If the teacher desires to continue the reciation and extend it, she may simply use another cylinder which will only take a minute for exchangng so that the lesson may be continued for an indefinite time.

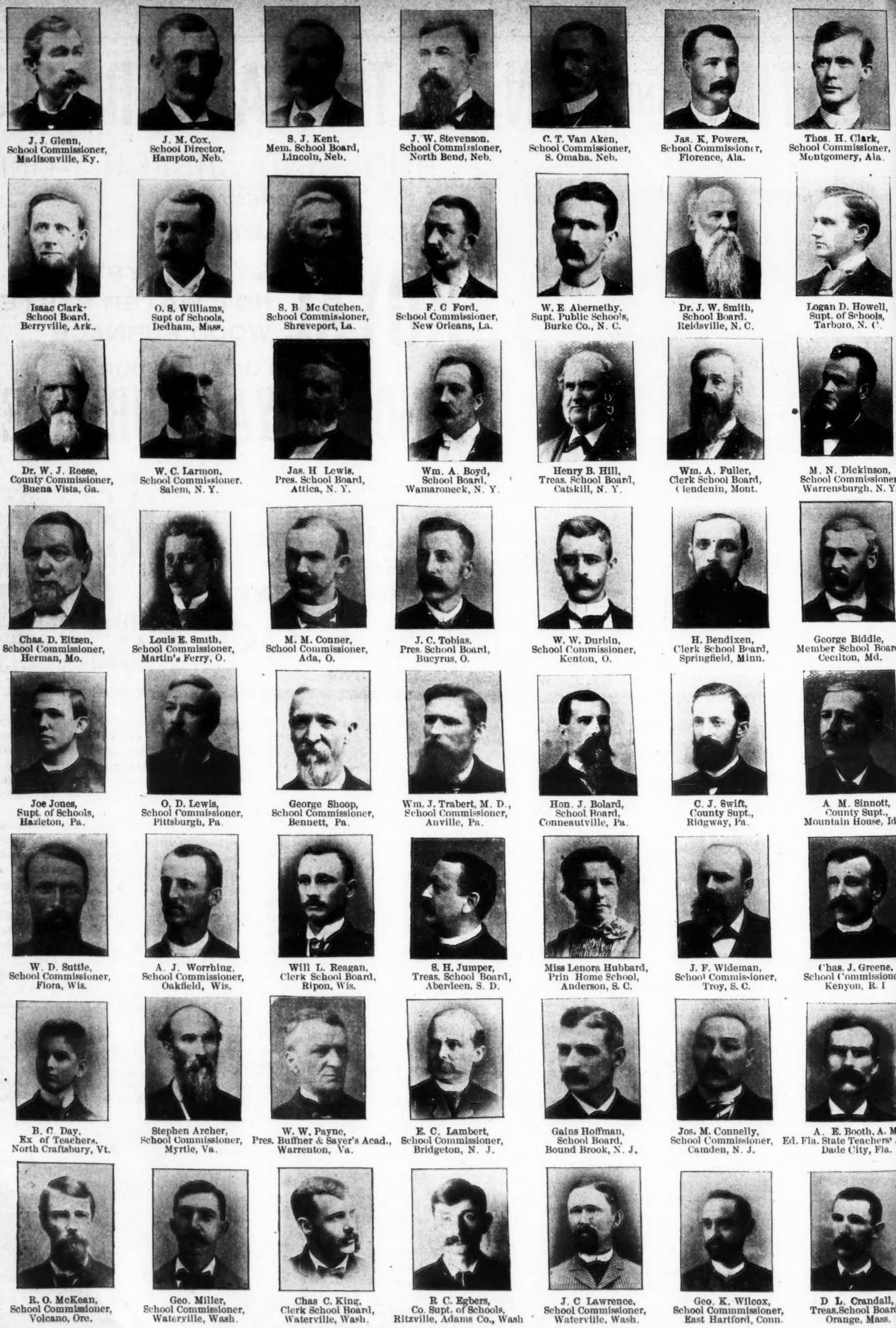
The Milwaukee, Wisconsin, public schools have already decided to prepare records and send to the World's Fair in connection with their other public school exhibit. The Sioux City, Iowa, public schools have also made an appropriation and will have their schools exhibited with the use of the phonograph. The Cleveland, Ohio, public schools are expecting to illustrate especially the subject of music. The New York state educational department of the World's Fair have also procured a thonograph, and will present various phases of school work from state. Chicago and other localities are to-day taking some records, experimenting along this line with reference to preparing exhibits especially for the World's Fair.

We are led to remark at this point, that, if school boards would only take the time to carefully investigate the phonograph they would find that it is worth all it costs as a commercial advantage to the superintendent himself beside the advantage of comparing voices of the children from various buildings and various grades, where they might at the regular monthly meeting be presented to the school board. We would urge that the school boards investigate this matter, and see if the utility of the phonograph cannot be brought out in many ways with great profit to the public school work We find in the reading classes, stammering, stuttering, hesitating readers, we find the same kind of hesitation in many of the recitations, and what we hope to hear from these records is good clear enunciations, and no one is so good a critic as a teacher, nothing will stir up such an emulation among the children like actually hearing their own voices on the phonograph. It is worth the investigation, and we trust that our educational friends throughout the country will not neglect the matter longer.

Schemes are in line also, which proposes to prepare records of the various leading educational men for the World's Fair, each making some statement for himself in connection with the school. This will necessitate a museum of special leading voices of the country that will be of great interest to all concerned. We are led to believe that the photograph of the person hanging just above the record of his voice, and the photograph of the teacher and the class hanging just above the wax cylinder that throws out the voice will make a feature at the World's Fair that our public schools generally ought not to miss in having a representation.

The author of this article has thoroughly tested the phonograph and is satisfied that the investigation on the part of principals, superintendents and school boards will not be lost time. You will agree with us after you have made a careful test of the phonograph for educational purposes.

MISS HELEN J. SANBORN,
Member School Board, Somerville, Mass.



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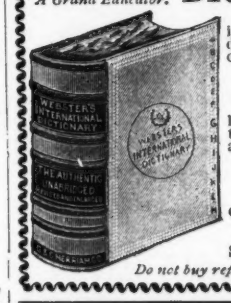

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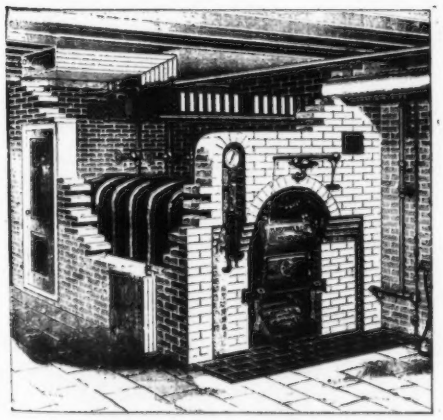

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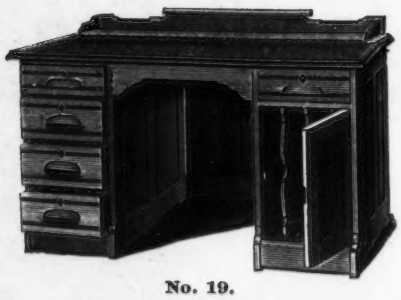

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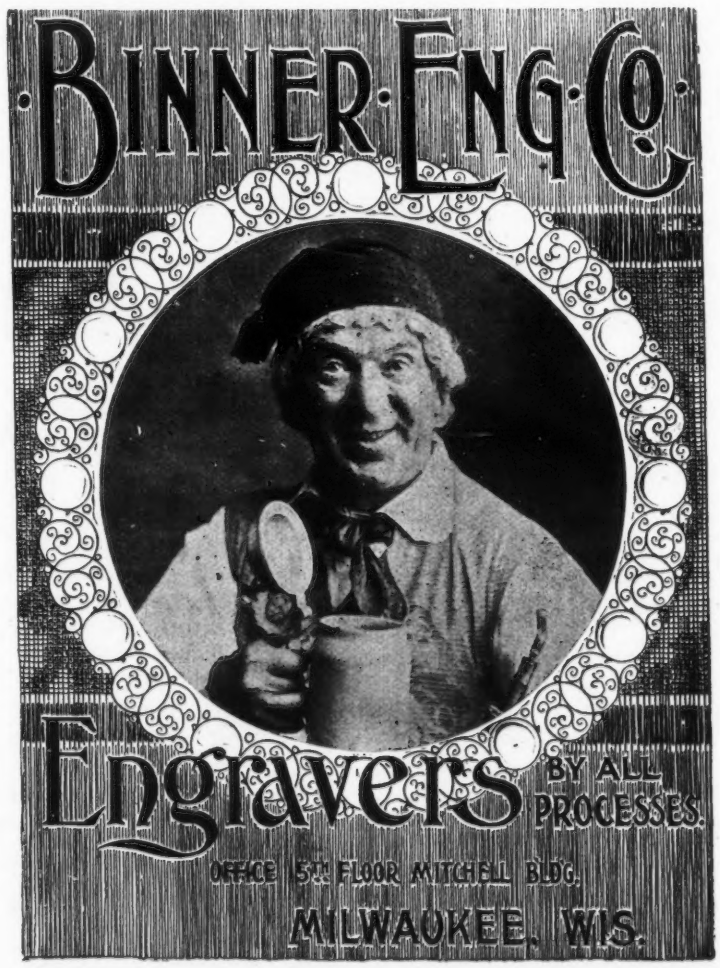

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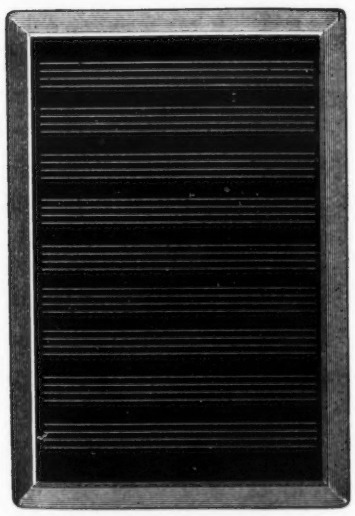

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I read with interest letters from correspondents. If this, my first letter, escapes the waste basket, I may write others My old schoolmate made so much money plating knives, forks, etc. I ordered a $5 machine from H. F. Delno & Co. of Columbus, Ohio. I made $21 the first week. I get all the plating I can do, and sold three platers at $12 profit. The work is splendid even on the finest jewelry. Any reader can get circulars by writing and have profitable employment the year round.

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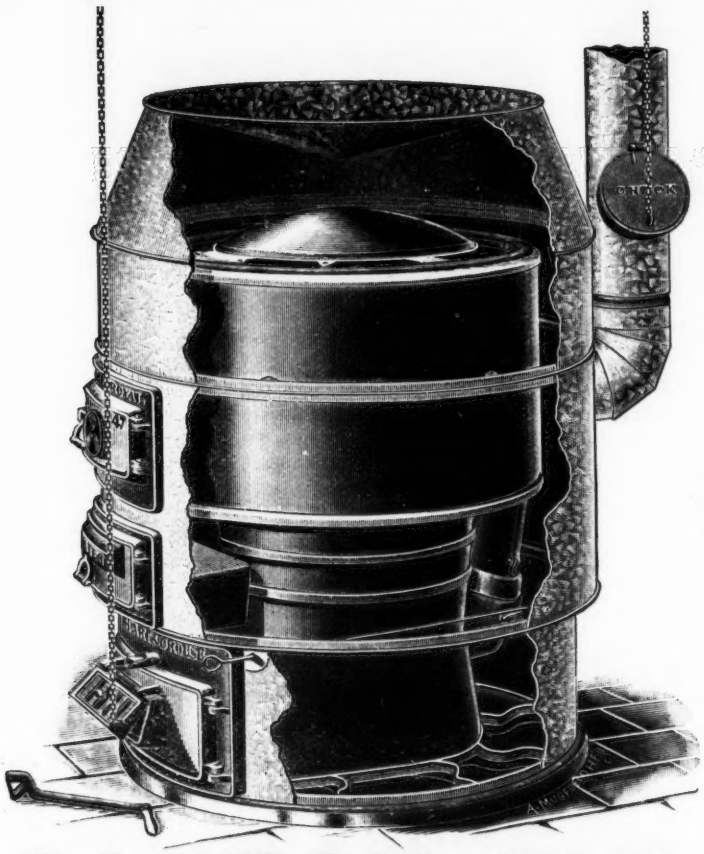

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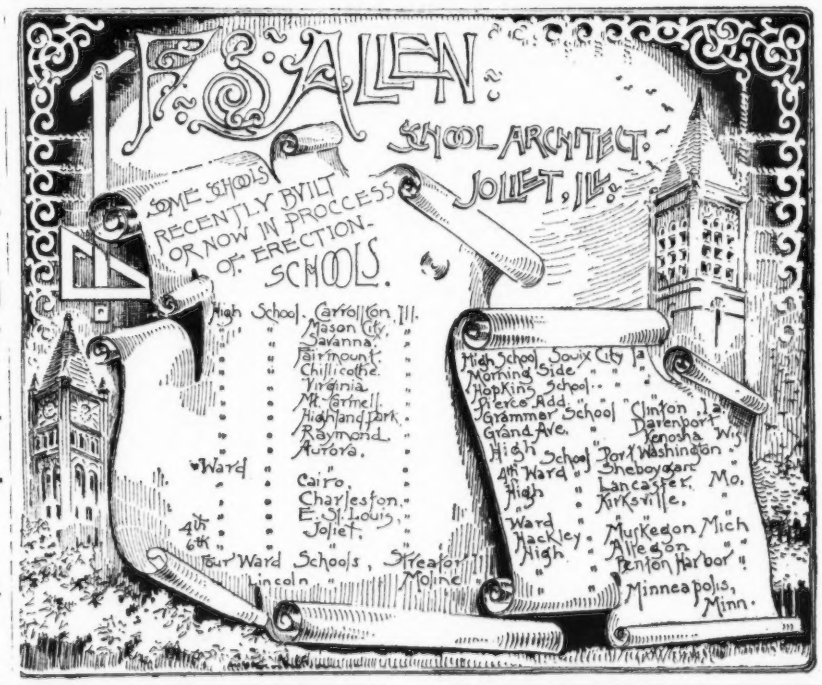

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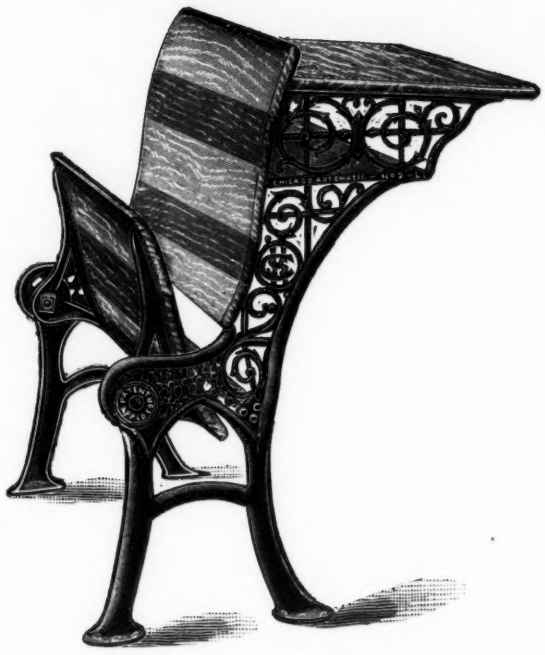

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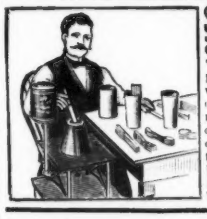

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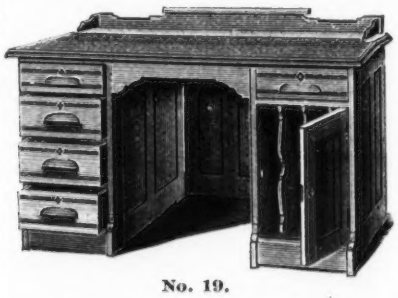

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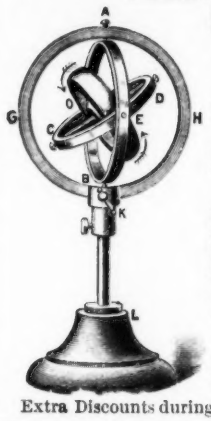

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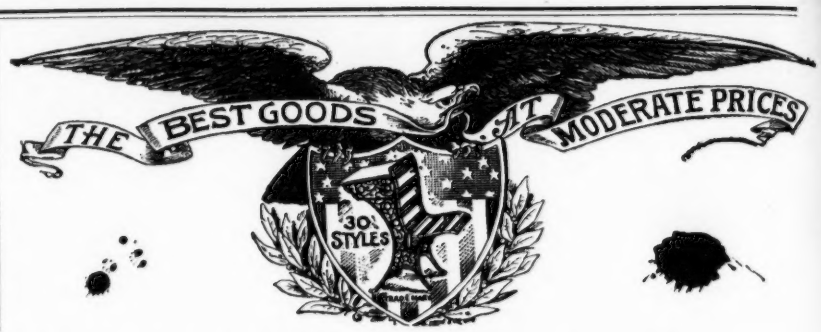

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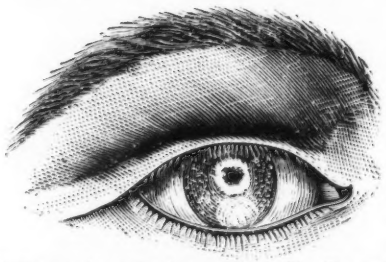

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"A world-without end bargain."

The 'month of roses" is a popular month for marriages. June will find many pairs of "hearts that beat as one" firmly united.

Looking around for various articles to bestow on their friends as WEDDING PRESENTS, is what hosts of folks are just now doing. 'Twould spare them lots of unnecessary trouble if they'd come (or send) direct to headquarters.

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The advertiser of the store will tell modestly of the daily events in the papers. Do not look for bold statements of impossibilities — not from this source.

The clear notes of business rise above the common pitch and run high into the trade scale.

The large amount of thought and energy expended upon this business aims to point upward constantly bringing out all the advantages that come to traders through skilled merchandising. It would be a pity if you did not understand the full meaning of the store's efforts in your interest and its own.

June days invite the flowers and all the gayest toggery that fashion and taste bring to the surface. Here's the list that blooms on the bargain flower-beds to-day.

Roses open and buds with long stems, all colors, 12½c bunch.
Velvet and Silk Roses, 19c a bunch.
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Pansies, Violets, Daisies, Clover, Butter Cups, etc., 12½c a bunch, and a whole lot of the finest of imported French flowers at 98c.

These prices that invite you here in the Millinery are unusual and very fetching.

Glad to point out to you a collection of the most beatiful sorts. Take any of the hundreds of styles as an instance:

Tams, Caps and Hats.

Linen Duck, Tams and Caps, "Washable" in plain white and stripes, at 48c, 98c and $1.48. Straw Sailors and Garden Hats. "Trimmed," at 48c, 68c, 98c and upwards, white navy, brown, cardinal.

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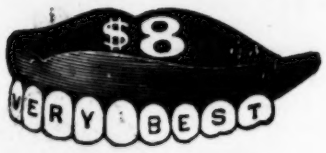

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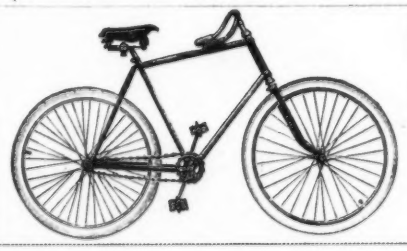

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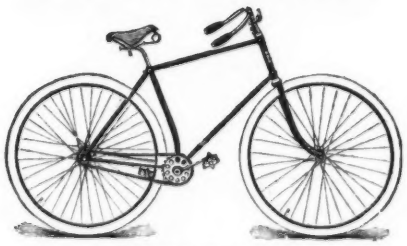

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Has yet lived long enough to get rich or even fairly well-to-do on the interest of money earned professionally and deposited in a bank. Interest on $1,000 deposited for a year will amount to only $30 or $40 at most, while $100 wisely invested in real estate will yield another $100 in profit in a year. This will pay the expense of a full month's vacation.

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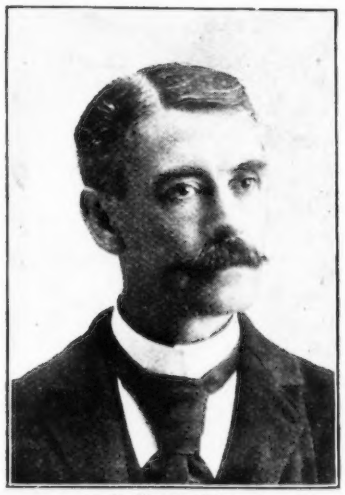
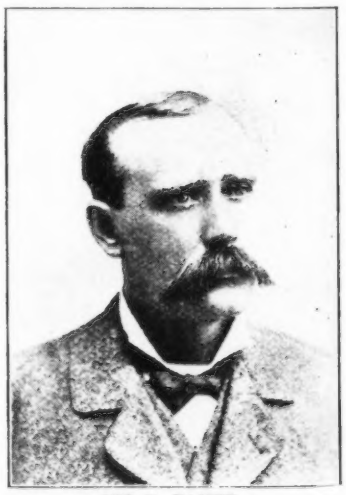


R. M. ROGERS,
Member Bd. of Education, Bibb Co., Macon, Ga



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Time deposits in a bank pay 3 to 4 per cent interest, if the bank does not fail. At this rate money will double in 20 to 30 years. Money wisely invested in Real Estate

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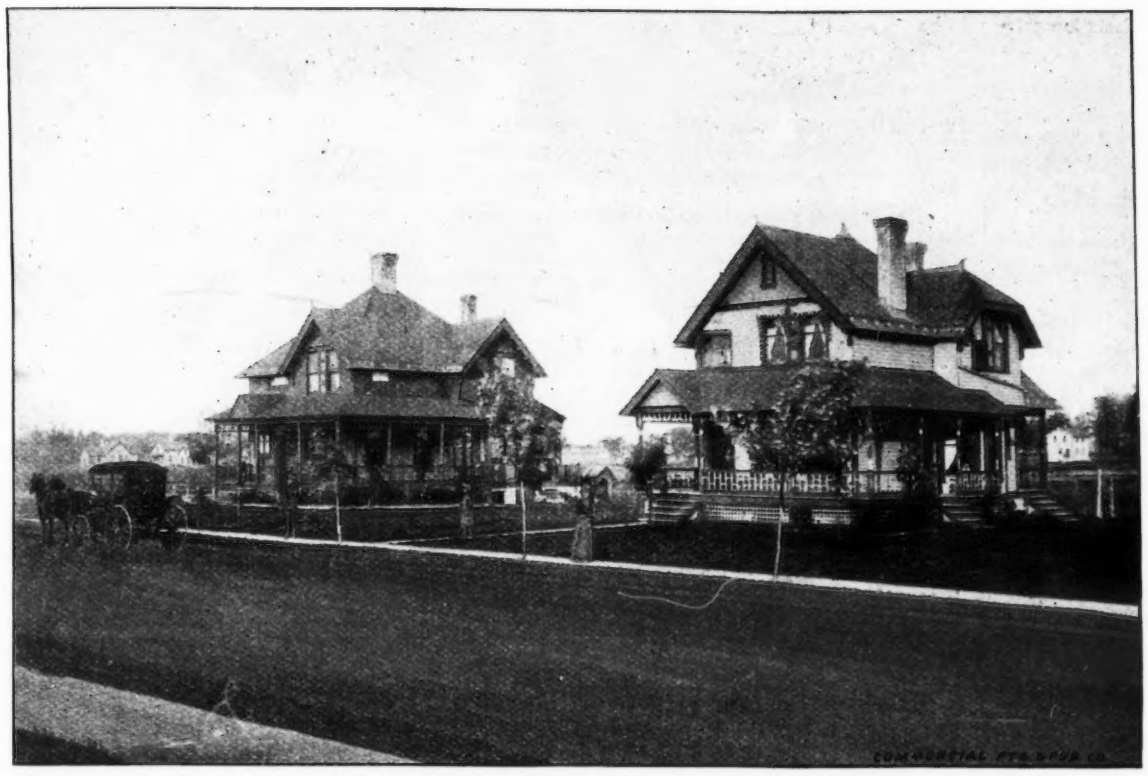

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Ribbed silk vest in all colors 59c, were 75.
Silk plated combination suits in a very Superior quality, cream color only $2 00. Was $2.25.

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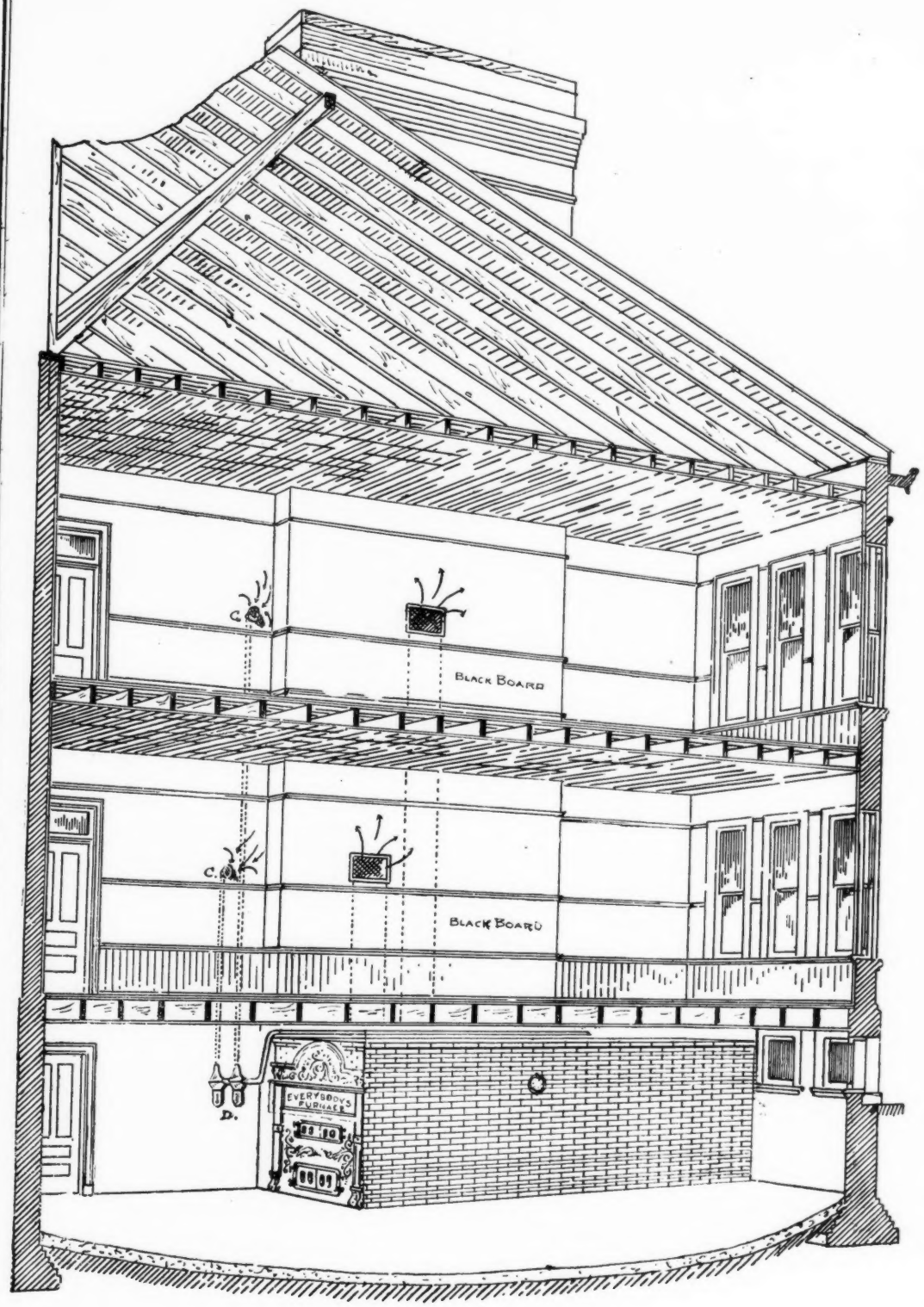

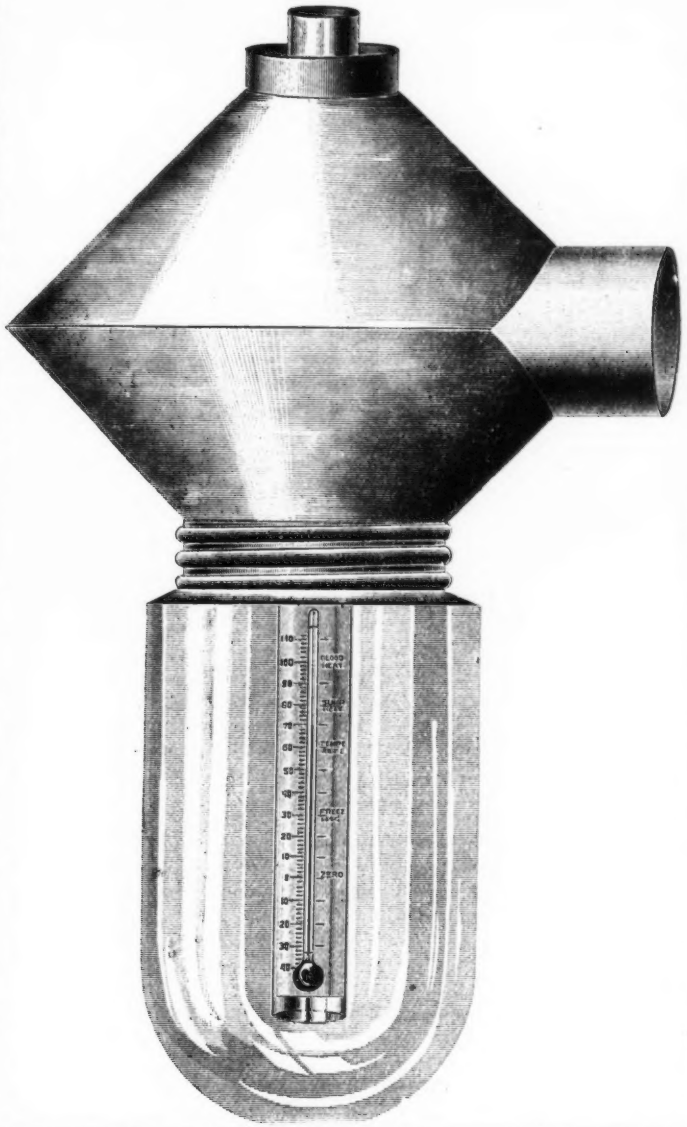

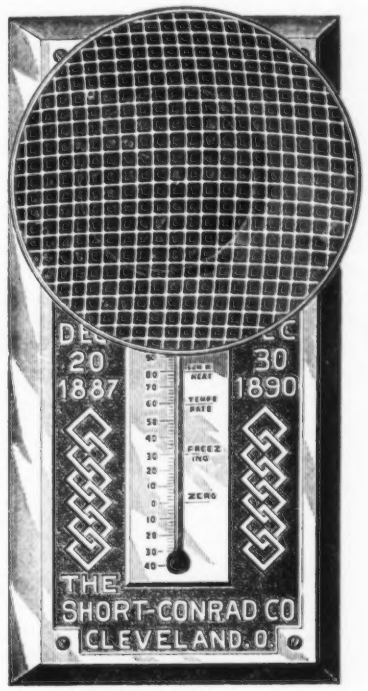

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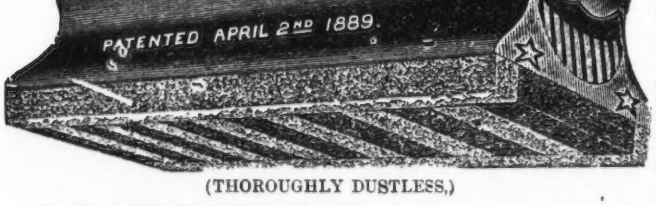

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SCHOOL DESKS AND SEATS.

THE VENEER VS. SLAT SCHOOL DESK, DISCUSSED IN AN INTERESTING INTERVIEW BY AN AUTHORITY ON SCHOOL FURNITURE.

The fact that the boards of education of certain prominent cities such as Chicago, Detroit, etc., in calling for bids for the supply of school desks exclude the so-called veneer desks, naturally raises the question of the practicability of manufacturing school desks and seats of veneers.

Mr. Thomas Kane who has been for many years prominently identified throughout the country with the school furniture industry has also had a long and varied experience with veneers in connection with the manufacture and sale of boats, opera chairs and school desks made of this material. Knowing this, the SCHOOL BOARD JOURNAL has obtained from Mr. Kane the following statement of his experience in the use of veneers generally and of the experiments and tests which he has thoroughly made with a view to ascertaining the practicability of the use of veneers in the manufacture of school desks.

Mr. Kane says, "In 1880 or '81 we began the manufacture of a veneer desk, calling it the "Racine" desk. We had been for many years before that manufacturing the Victor desk, but had made some setees with veneer seats and backs, which had met with a ready sale and we also manufactured, to quite an extent, opera chairs with veneer seats and backs and it seemed to us that a veneer desk could be made which would be not only very attractive in appearance but strong enough to stand practically any wear to which it might be subjected. We felt the more certain of being able to produce a durable desk from the fact that we were then engaged in the manufacture of what were known as the Racine boats. It has always been the aim of boat makers to produce a boat that should be as smooth as possible upon the bottom and sides. One of our employes patented a boat which consisted of three thicknesses of yellow birch veneer, cemented together; the process of construction being to mold the two sides of the boat separately and then join them together at the keel, putting a gunwale 'round the top. We had always made our own veneers and had been accustomed in pressing them up, to use the cement ordinarily used in making chair veneers.

"In manufacturing these boats we naturally followed the same methods we had used in the opera chair and settee work. Our first year's output of boats, with hardly an exception, proved worthless, entailing upon us a large loss, the reason being that while the cement used in pressing the veneers together was good enough for opera chairs and setees, it was not good enough for use in boats, which were in the water much of the time and subject to extreme changes of temperature while in a damp condition. We experimented with every obtainable make of water proof cement, which might be used for this purpose, but without satisfactory results.

"At length the foreman of our veneer shop succeeded in making a cement which proved to be not only absolutely water proof but in every way stronger than any glue or cement we had ever used. Its qualities were such that we were able to press up veneers for use in boats which would withstand anything in the way of moisture or change in temperature. We can point to veneer boats, sold by us 8 or 9 years ago, which are practically as good today, as the day they were sold. As this cement proved so favorable in the construction of boats, even though it was a trifle more expensive than ordinary cement, we proceeded to use it in all of our veneers.

"I have gone into this matter of boats to show that we were turning out a very superior grade of veneers, being forced to use a cement and methods of pressing up radically different from and making a much more durable veneer than any other manufacturer.

"The veneers which we use on the Racine or veneer desks were made in the same way as our best boatveneers and the desks found at once a ready sale. We were under the impression that we had struck a bonaza and really expected that the sale of veneer desks would be greater than slat desk.

"For the first year every thing went swimmingly, but during the second year we began to have calls made upon us for repairs on veneers. These continued to increase from year to year, while sales of the desks after the second or third year, began to run down. As, however, we were selling both slat and veneer desks it practically made no difference to us which style was sold and we did not pay much attention to this decrease in sales, nor very close attention to the matter of repairs.

"In 1886 however these calls for repairs seemed to be larger than ever before while our sales of this style of desks were smaller than ever before. At the beginning of 1887 I instructed that a careful account be kept of the repairs called for in veneer desks and at the close of the year found that our total sales of veneer desks had been only a little more than $8,000, while the expense for repairs had been in the neighborhood of $600. In other words it was costing us 8% on sales to keep in repair the desks actually out.

"More than all this, the desks were giving us a bad name. The districts did not like them and one district passed the word on to another and as we were unwilling to continue this great expense and at the same time get a reputation for selling poor desks, we at once discontinued their manufacture entirely and have never made them since.

"It may be asked, and with some reason, how it happens that we could make a boat which would last for ten years and could not make a desk that would last for one. In reply we would say that in every case it depends upon the care which the article has. The boats which I name as having been in use for years have had the best of care; that is to say, they have been taken out of the water when not in use, sponged dry, put in a boathouse and carefully housed at all times except when actually in use. While out of the thousands of boats sold by us, I might perhaps be able to find half-a-dozen which with the best of care are still good, I know that nine boats out of every ten, and I believe ninety-nine boats out of every hundred made from veneers have gone utterly and totally to pieces. This has occurred because they have not had such care as would preserve the veneers. Five years ago we dropped the manufacture of veneer boats entirely, simply for the reason that with all the care we exercised both on the veneers and the cement which is positively water proof they still would blister, crack and warp and go to pieces.

"There is many a man, who, having a boat costing perhaps $150, will have good care taken of it. The school desk has no care whatever. If veneers used in either boats or desks have just exactly the right care, they will last a generation. In the majority of cases they will not have this care, and failing to receive it they are bound to go to pieces.

"Bear in mind that three thicknesses of veneer are cemented together under great pressure, but if the veneers be not cut and sandpapered to an absolutely smooth surface, there will remain between the thicknesses little globules of air. These may be very small but at the same time are sufficient for the purpose of destruction under certain conditions. A well made veneer desk constructed of veneer thoroughly seasoned and well pressed up, if set in the middle of a school room and kept dry will undoubtedly last for a considerable number of years, not so long as a slat desk, but at the same time will give good fair service. On the other hand if the janitor in sprinkling the school-room gets water on this desk and it soaks through the first thickness, it will displace the air in one of these little globules and what was but a tiny bit of air becomes a tiny drop of water. If the desk chances to stand beside a window, where the sun shines on it, it will go to pieces quicker than in any other position. The sun strikes the veneer, expands the water and there begins to be the slightest possible splitting apart of the veneer and very possibly a tiny crack on the top veneer itself. The next time this is done, still more water finds its way in and after a little time there will be found a blister which will increase in size until the top veneer cracks open and the thing is practically gone. Whatever may be the care which the owner of a boat may give his craft, it is absolutely certain that the average school desk has no care at all. I have yet to remember any school room I have ever seen in which the desks had not been more or less whittled by the industrious jack knives of the scholars. The temptaiton to make the pocket knife an instrument of destruction is something that no school boy can resist. This is bad enough in a slat desk, but in a veneer desk it is absolutely destructive. Under the best conditions, blistering and splitting apart which I have mentioned are bound to occur, but when you add to this the chance that a boy's curiosity prompts him at once to ascertain how many thicknesses there are in the veneer and how the different thicknesses are put together, and that the only way of ascertaining this is by taking out his jack knife and cutting through one or two thicknesses of the veneer, it can be seen at once that the chance of long life for the veneer desk is extremely small.

"It should be remembered also that it is much easier to press up short veneers than long ones; for instance, an opera chair seat or back, which may be only 18 inches wide can be made much more perfectly than a school desk seat or back, which requires to be 42 inches long. In a general way it can be said that the smaller the veneer, the stronger it can be made. I presume that 3 ply or 5 ply veneer 6 inches square could be pressed under sufficient pressure so that nothing in the way of moisture, or soaking or exposure to the air would cause it to pull apart. Certainly it would stand a good deal of hard usage without giving out. On the other hand it would be impossible to press up veneer say 3 ft. square and have it stand anything like the hard usage that the smaller one would.

"In all this matter I am not theorizing at all, but speaking from actual experience. We used better stock, had I believe better machinery, and I know had better cement than that used by any other manufacturer, and with all this found it absolutely impossibe to make a school desk which proved durable or satisfactory. I do not believe it possible for anyore to make better veneer than we made at the time we were selling the Racine desk. What we know regarding veneer desks has been learned by bitter experience and by considerable financial loss. The matter which to us counts for more than the actual loss is the fact of the great inconvenience and discomfort to our patrons. The guarantee that the desks will hold together is all right. Every manufacturer should be willing to give it, but this in no wise alters the fact that when a desk begins to break up, the school officers are the ones who are mostly inconvenienced. The manufacturer may make his guarantee good, but this in no wise lessens the annoyance and inconvenience to which the school board are subjected. Even if new veneers are sent to replace the old ones, they must be put on at quite an expense and from the time the first one gives out it is a continual break down and a contiuual sending for repairs just as long as the desks are in the school house. In the majority of cases the manufacturers of veneer desks guarantee their desks, agreeing to replace the veneers which gave way, the "purchaser paying freight." The process which the school officer goes through is about like this: The desk begins to give out, the teacher complains and the school officer writes the manufacturer. The manufacturer replies, asking just when the desks were shipped, just what care has been taken of them, etc. After a long correspondence, the veneers to replace the broken once are shipped "Purchaser paying freight." That is to say the school officer drives into town, it may be one mile it may be fifteen; gets the veneers, takes them out, hires a man to

put them on. It often happens that through some mistake he orders the wrong size or the wrong sizes are sent him and then the whole thing has to be gone over again. He has probably sent for repair for three or four desks out of twenty or twenty-five. In a month's time there are two or three others out of shape and he repeats the process, paying his freight and the cost of putting on, and keeps doing so almost indefinitely, for the casting are not likely to give out.

"To sum the whole thing up, it is not possible, in my opinion, for anyone to make a veneer desk which will be good for one-tenth the time that a slat desk will last. They are pretty, they bring good prices, but the school officer who buys them buys endless annoyance.

ECONOMY IN HEATING SCHOOL BUILDINGS.

It is a notable fact that the most prominent school buildings now in the course of erection are being equipped with the Johnson System of Heat Regulation. School officials who have made the matter of economical and wise managment a study are availing themselves of the experience of others.

The matter of fuel is an important factor in the current expense of school management, yet in addition to this an even temperature in the school room means more than the saving of dollars and cents. It insures the health and comfort of teachers and pupils and is therefore of even greater importance.

The new Jackson school building, now in the course of erection at Duluth, Minn., is being equipped with the Johnston System, also the Holton school at Saginaw, E. S., Mich., as well as new school buildings in Chicago, Denver, etc. The school houses in each of these places are costly and consequently equipped with the modern appliances which naturally include a splendid system of heat regulation.

Prof. Hiram A. Wilson who died recently at his home in Saratoga, N. Y., was the founder of the public school system of that city.

The school board of Milwaukee, Wis., has recently had an interesting matter to decide. Many teachers have objected to attending school picnics, some of which are held in places where beer is sold, the board has concluded to excuse all teachers from attending such picnics who so desire it.

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Many young men and women are laying plans to enter business colleges next fall. A large number will graduate from the public schools in June and will want to fit themselves for a business career at once. Milwaukee has for years been known as one of the cities in the United States favored with a Spencerian college. No name is better known the country over along this line of education than the name of Spencer and in the Spencerian Business College of Milwaukee the best of opportunities for acquiring a business education are to be secured. Mr. R. C. Spencer, as he has been for many years, is at the head of the college and the entire corps of teachers is made up of men and women thoroughly equipped to undertake the arduous and responsible duties of educating young men and women along the lines that will make them most useful to the world of business. In addition to the business department of the college, which includes everything that will prepare one for an intelligent understanding of the business, they have a shorthand department which is unequalled in this part of the country. The fall term opens Sept. 4. Students contemplating entering a business college will do well to address the Spencerian Business College, corner of Wisconsin street and Broadway, Milwaukee, Wis.

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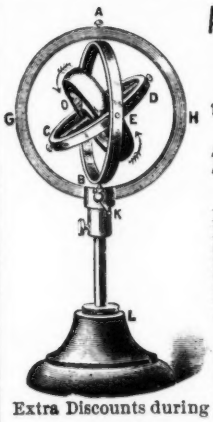

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The "World and Its People Series."

The **Teaching of Reading** in the schools has undergone great changes during the past few years. From the single series of the conventional type that the pupils worked on, month after month and year after year, through their entire school course till they reached the High School, many schools have gone to the other extreme of reading anything and everything. This is always the way whenever practices begin to correct themselves; they uniformly go to the other extreme.

The correct idea of reading work lies between these two extremes. No one will deny that the ordinary reader containing little else than a collection of short stories, with no connection whatever between the lessons, does not provide sufficient material as a basis of reading work, and at the same time every teacher will agree that the plan of using as many readers as there are in a series in print is a mistake. The reason often giving for allowing pupils to read a particular series is that they like to read such and such books. This is an unsafe standard. The taste of the child should be cultivated, and the class of reading best suited to the work, should be determined according to some definite standard that has been thought out by the Superintendent or Principal, or whoever is responsible for results.

There is no mistake but educators (although agitating the subject at present) have not given sufficient attention to this very important subject of material for reading work. This is the most important of all school branches. The child's originality and his possibilities of development depend very largely on the way he is taught to observe, to think for himself, and this depends quite largly upon the kind of material used as the basis of teaching him to read. Reading should not only be the natural expression of what the pupil knows, but it should also be on such topics as the comparison of objects, things of nature, animals, etc., so that the pupil can be taught to observe, to make comparisons, and to form conclusions. The pupil gets these advantages from readings on geographical and natural history topics, with an occasional interesting story on some general subject.

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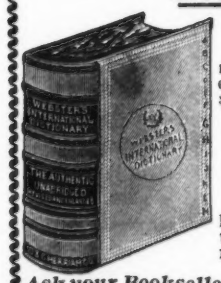

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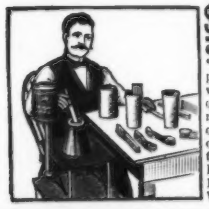

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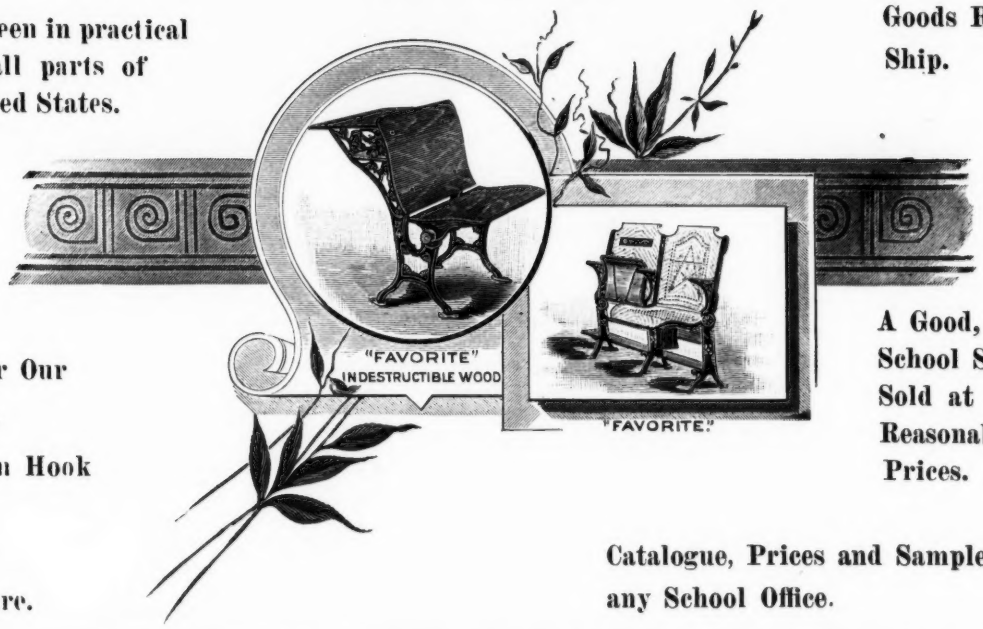

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The following letter was written by the business manager of "The Christian at Work" a well known New York religious weekly of large influence and circulation, after visiting the Sterlingworth Sanitarium and personally investigating the wonderful cures there being affected.

New York, N. Y., March 21, '93.

My Dear Mr. Frisbee:—

My departrue the other day was so hurried that I fear I expressed very inadequately my appreciation of all the courtesy extended to me during my visit. I am sure that the pleasure it afforded me, and the number of interesting features brought to my attention will be matters of delightful recollection for some time to come.

I had the good fortune to fall in with Mr. Fred Clark, one of your patients, on the train going to Buffalo, and from his remarks I was able to verify fully much of the matter contained in your "Clinical Report." It was a source of much gratification to find that your work in many of the cases had been *under* rather than *over* estimated, and Mr. Clark's whole report was creditable to you in every sense of the word. (He made his statements absolutely without any knowledge of my purpose in talking with him, in fact I rather encouraged any confidences he might have had that would have been against the institution, and I was delighted to find how fully he sustained the excellent impression I had received of your work.)

I had an interview with Dr. Hallock this morning in relation to your affairs, and have succeeded in interesting him so far that he is already anxious to proceed to Lakewood, if he can possibly arrange to give his time to the investigation at this season. I have great hopes that he will be able to do so, and shall advise you in a day or two as to the decision. He has very carefully pursued your literature, and can hardly credit the fact that such wonderful cures can be effected. I am satisfied that if he is once convinced, as he certainly must be if he visits you, he will prove a firm and useful friend to "Humanitas."

You can rely upon the fact that I shall use every effort to get him started in the course of a few days and look forward to his conversion to our way of thinking.

Very truly yours,
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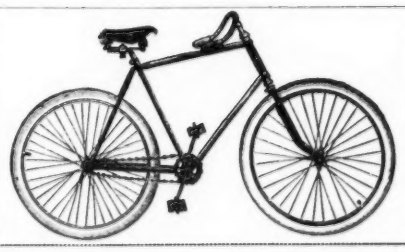

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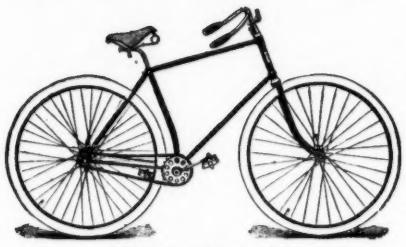

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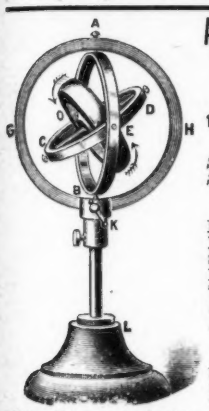

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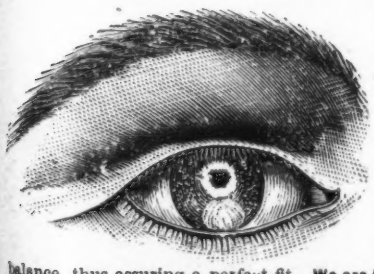

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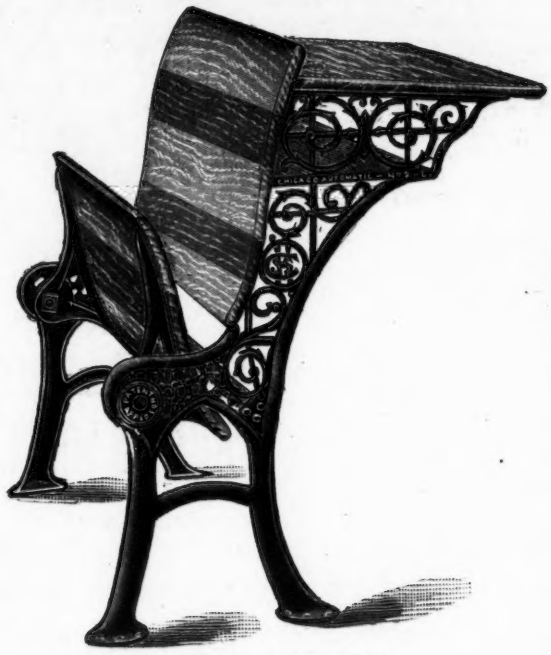

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The correct idea of reading work lies between these two extremes. No one will deny that the ordinary reader containing little else than a collection of short stories, with no connection whatever between the lessons, does not provide sufficient material as a basis of reading work, and at the same time every teacher will agree that the plan of using as many readers as there are in a series in print is a mistake. The reason often giving for allowing pupils to read a particular series is that they like to read such and such books. This is an unsafe standard, The taste of the child should be cultivated, and the class of reading best suited to the work, should be determined according to some definite standard that has been thought out by the Superintendent or Principal, or whoever is responsible for results.

There is no mistake but educators (although agitating the subject at present) have not given sufficient attention to this very important subject of material for reading work. This is the most important of all school branches. The child's originality and his possibilities of development depend very largely on the way he is taught to observe, to think for himself, and this depends quite largely upon the kind of material used as the basis of teaching him to read. Reading should not only be the natural expression of what the pupil knows, but it should also be on such topics as the comparison of objects, things of nature, animals, etc., so that the pupil can be taught to observe, to make comparisons, and to form conclusions. The pupil gets these advantages from readings on geographical and natural history topics, with an occasional interesting story on some general subject.

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We would respectfully call the attention of all teachers who are interested in progressive methods of teaching reading to our "Normal Course in Reading," our Alternate Second and Third Readers and our "World and its People Series."

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IS THIS EDUCATION?

SOME OF THE PECULIAR DOINGS OF A "MILWAUKEE BUSINESS UNIVERSITY."

The functions of an educational journal always make it an imperative duty to call attention to abuses which may be practiced to the detriment of true education. It is with some regret that in this issue of the SCHOOL BOARD JOURNAL we are compelled to say something about one of Milwaukee's alleged business institutions. We do this in the interest of young men and women who desire to fit themselves for a business career, and for the thoughtful consideration of teachers and parents who direct those under them in their plans for the future.

A business college was started a year or two ago in this city by a young man named D. B. Williams, who styled himself "President" of the new institution. His pyrotechnic style of advertising and agency work at the homes of citizens, attracted a number of people to his schools and everything seemed to go along swimmingly.

In due time, however, complaints reached us, and when the editor of this journal called Mr. William's attention to them, information was given that at a future time an invitation would be extended for the purpose of showing more about the methods pursued in the college and the manner employed in securing students. The invitation never came.

Various advertising devices were brought into use by Williams and among them the publication at the beginning of a term of a long list of faculty, a number of which were missing long before the end of a term. Men like C. G. Porter and Mr. Burke, the well known court reporters, were advertised as being instructors of shorthand, when, in fact, they had never been members of the faculty.

Complaints were made that the young people who had already contracted to attend other business colleges had been induced by Williams or his agents to break these contracts in order to attend his "institution." A very fine lesson in business integrity and honor. The Colby and Abbott block was advertised as a college annex when in fact not a single room in that building was occupied.

Among his advertising schemes, however, was the publication of a sheet, which sailed under the name of "Business Educator," the purpose of which was to advertise his institution and to assail men connected with other colleges. This sheet was duly entered at the postoffice as second-class matter and when the nature of the publication became known it was thrown out of the mails by the postal authorities at Washington, thus demonstrating the fact that the sworn statement submitted by Williams as to the character and aim of the publication had been falsified, or made in ignorant of the postal laws. Postmaster Nowell was not aware of the kind of paper he had admitted and when informed by reputable citizens, promptly revoked the order for its transmission through the mails as second-class matter.

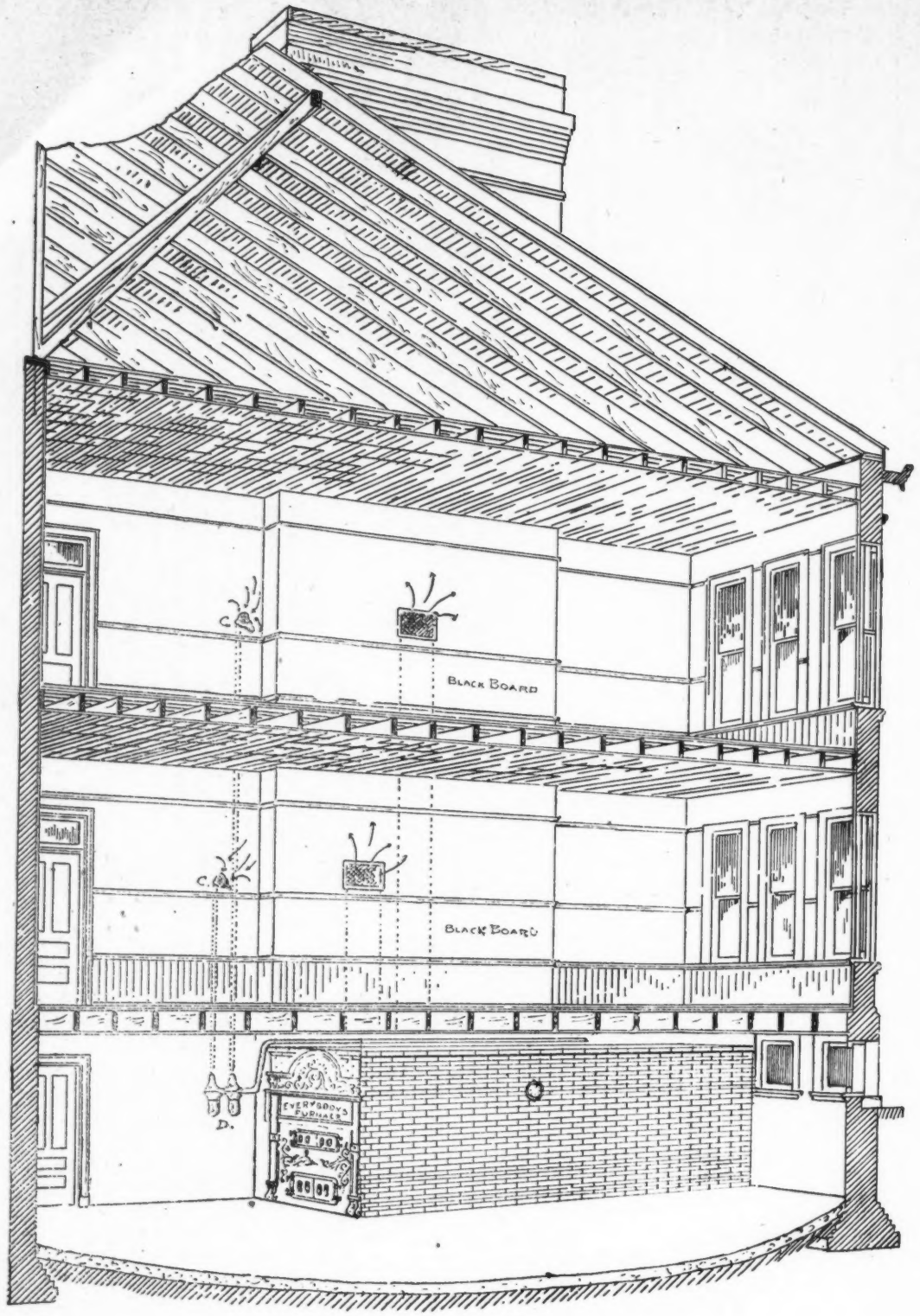
All other business colleges in the city avail themselves of the daily papers and other periodicals, the legitimate channels for securing the advertising at regular rates. They are not obliged to print "organs" for the purpose of lauding themselves and venting their spleen upon competitors. To our personal knowledge the very men who have been attacked by him stand at the head of their profession in this state.

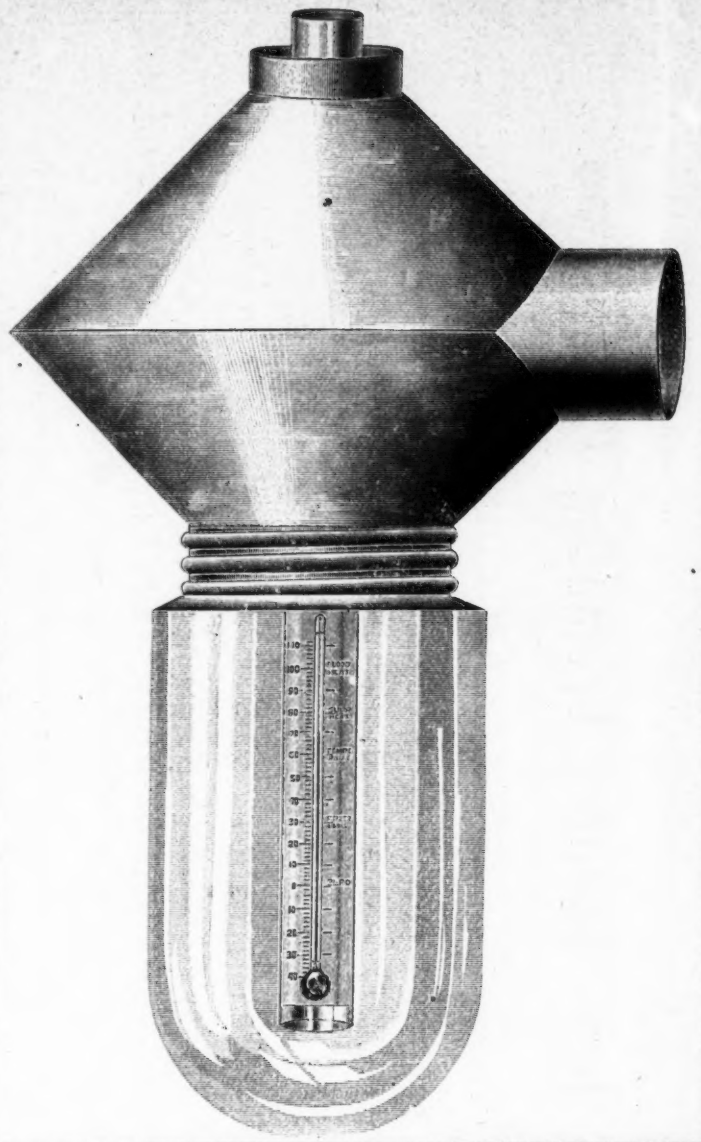
Among other things which came under our immediate attention was a boy in our employ who wrote an illegible hand writing and who knew scarcely anything about the theory of bookkeeping and the ordinary business forms. Yet he held, to our consternation, a diploma from the Milwaukee Business University. The boy really belonged in the fourth grade of a public school. To admit a boy of his limited knowledge in the common school branches into a business college is simply a crime against education.

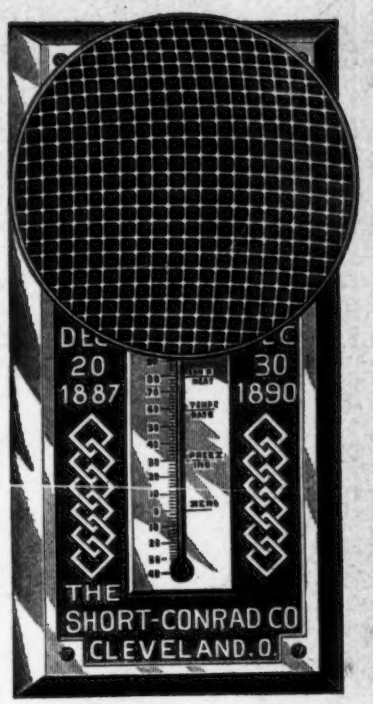
Superintendent Lane of Chicago, in his recent address before the World's Fair Congress of Education, dwelled upon the fact that the work of the business college began where that of the common schools ended. That to withdraw a boy or girl prematurely from the common schools and receive him in a business college simply meant to injure the child and to enrich the business colleges.

In calling attention to abuses of this kind we are prompted to subserve the interests of education in its highest and broadest sense.

Business Colleges are a necessity. Their mission is a laudable one and the prosperity of a community rests largely upon the able and honorable business men who are educated in them. It is, therefore, plain that the business college has also a duty to perform, and that in order that its influence may tend towards making honorable and useful men, as well as capable men, it must itself be free from all "fakiness." A commercial school should be a monument to business integrity as well as business success. In being otherwise it deserves to be severely rebuked by all thinking men.







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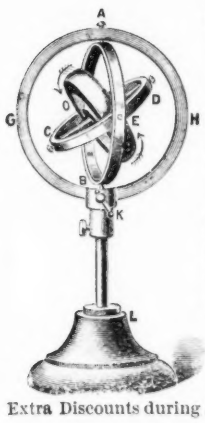

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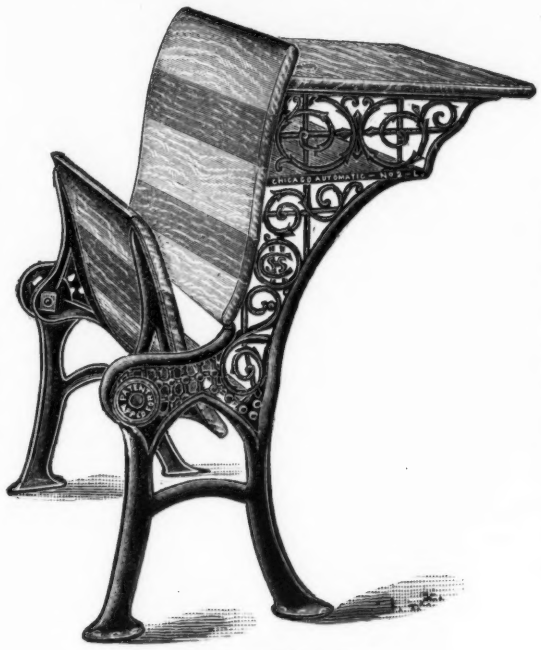

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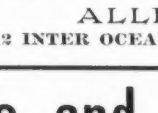

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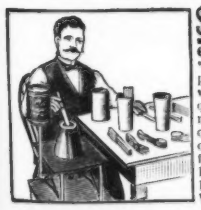

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In addition to what the SCHOOL BOARD JOURNAL said in its last issue we desire to dwell upon the fact that some of its statements have been contradicted in the daily press.

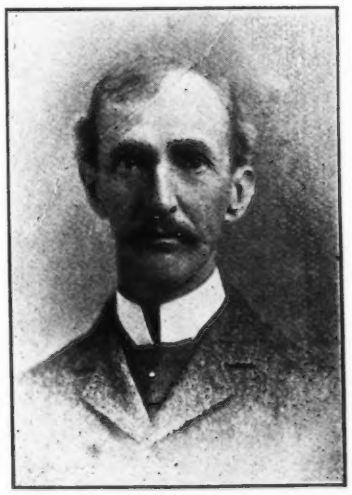
We extended the use of our columns to President Williams but he did not avail himself of that privelege. The SCHOOL BOARD JOURNAL was conservative and reasonable in its statements and therefore well equipped to make good or to substantiate all that it said.

We simply called attention to matters which in our judgment should meet with a correction.

The advertising methods adopted by an auctioneer do not apply well to an educational institution. If the names of men are used who stand high in their profession as members of a faculty they must materialize. If an imposing building is advertised as being used as a college annex it must be occupied for educational purposes. If diplomas are granted they must attest to the students' fitness and ability. No well regulated institution can afford to be lax in matters of thiskind. This applies to all colleges.

The Business Educator, published by Mr. Williams as an advertisiug medium for his school, enjoyed second class mail privileges. These privileges were cancelled. In justice to Mr. Williams we must state that the words "second class" were inadvertently omitted from our last article. With this correction made we are free to say that we have nothing to retract and no excuses to make. We stand ready to prove all our statements and shall continue a fearless course as we have in the past.

The SCHOOL BOARD JOURNAL is the friend of all true education. We shall condemn all abuses and errors and support all efforts in the direction of intellectual developemnt and improvement.



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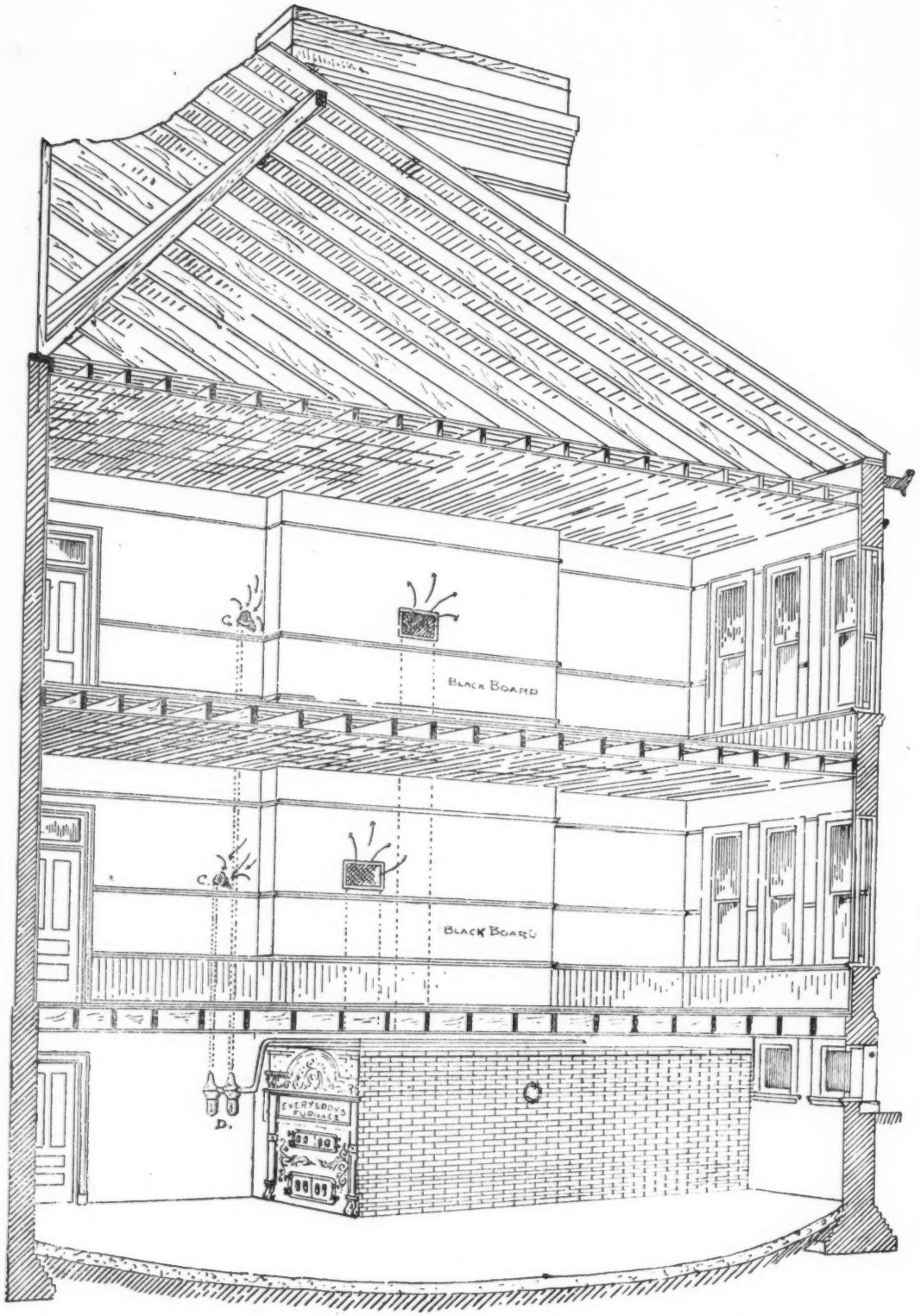

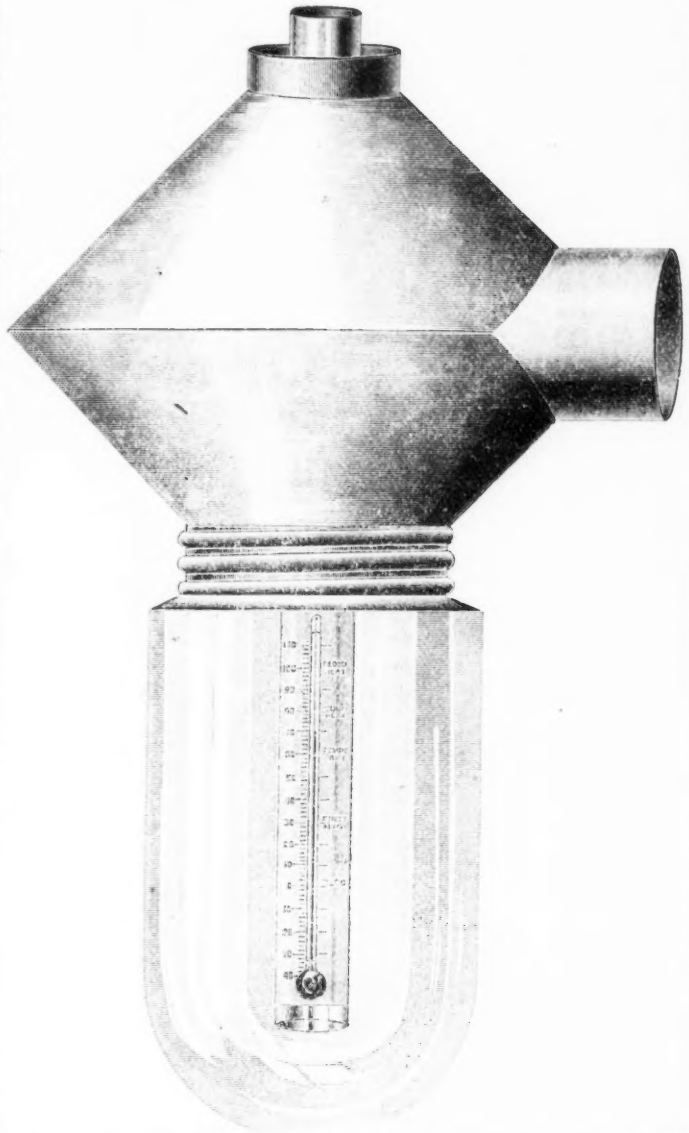

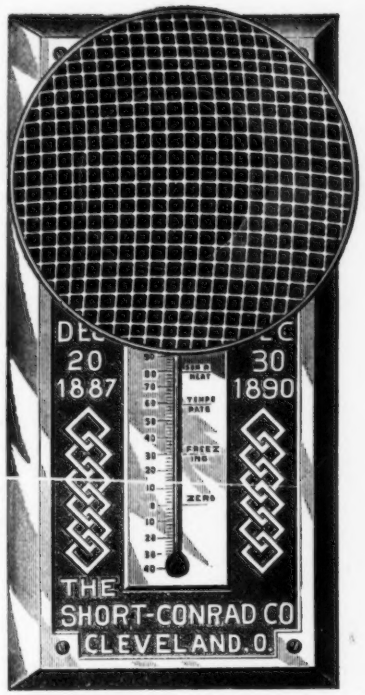

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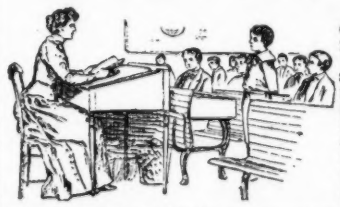

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During the second week of the month Oliver Doud Byron will appear in "The Dark Continent," a play which has the interesting science of hypnotism for its foundation. The scenes of this piece are laid in the diamond mines of Africa, and the play is a most interesting and novel one.

The third attraction of the month, beginning the week of October 15th, is that beautiful naval and stirring patriotic drama The Ensign. Sunday October 22, Willie Collier will be seen in his laughable farce comedy, "Hoss and Hoss."

The engagement of the "White Slave," begins October 29, and laps over into the month of November. The "White Slave" is as big an attraction today as it ever was, although it has been produced for more than a dozen years.

Beginning on Friday, Oct. 6, Russell's Comedians and the great American dancer, Amelia Glover, will entertain the patrons of the Davidson Theatre for three nights, with their new edition of "The City Directory." As a band of fun makers, Russell's Comedians stand well in the lead and their presentation of "The City Directory" elicits much favorable comment. Miss Glover's many admirers will be pleased to see her in Milwaukee again. Mr. Russell's company contains many of the old-time favorites including the celebrated quartette and funny Don Daly.

That tremendous comedy success, "The Laughing Girl," will be seen at the Davidson Theatre for an engagement beginning on Oct. 9. Miss Clara Lipman, who made such a decided hit in the part she played in "Incog," will take the leading role, being supported by Louis Mann.

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OCT. 8, Oliver Doud Byron in "DARKEST AFRICA."
OCT. 15, "THE ENSIGN."
OCT. 22, Willie Collins, in "HOSS AND HOSS"
OCT. 29, "WHITE SLAVE."

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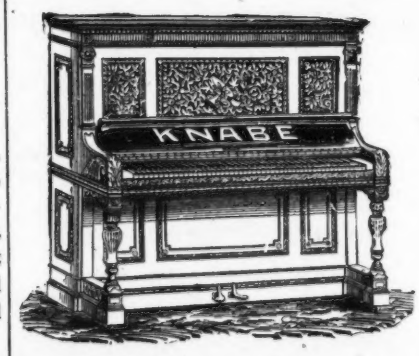

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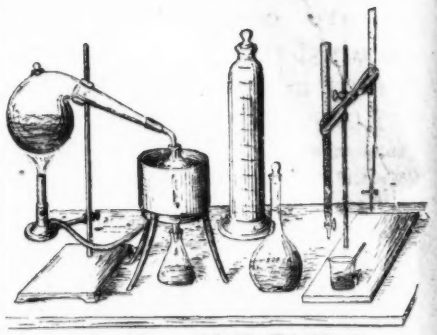

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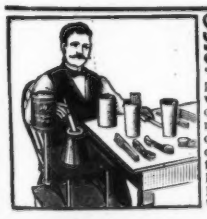

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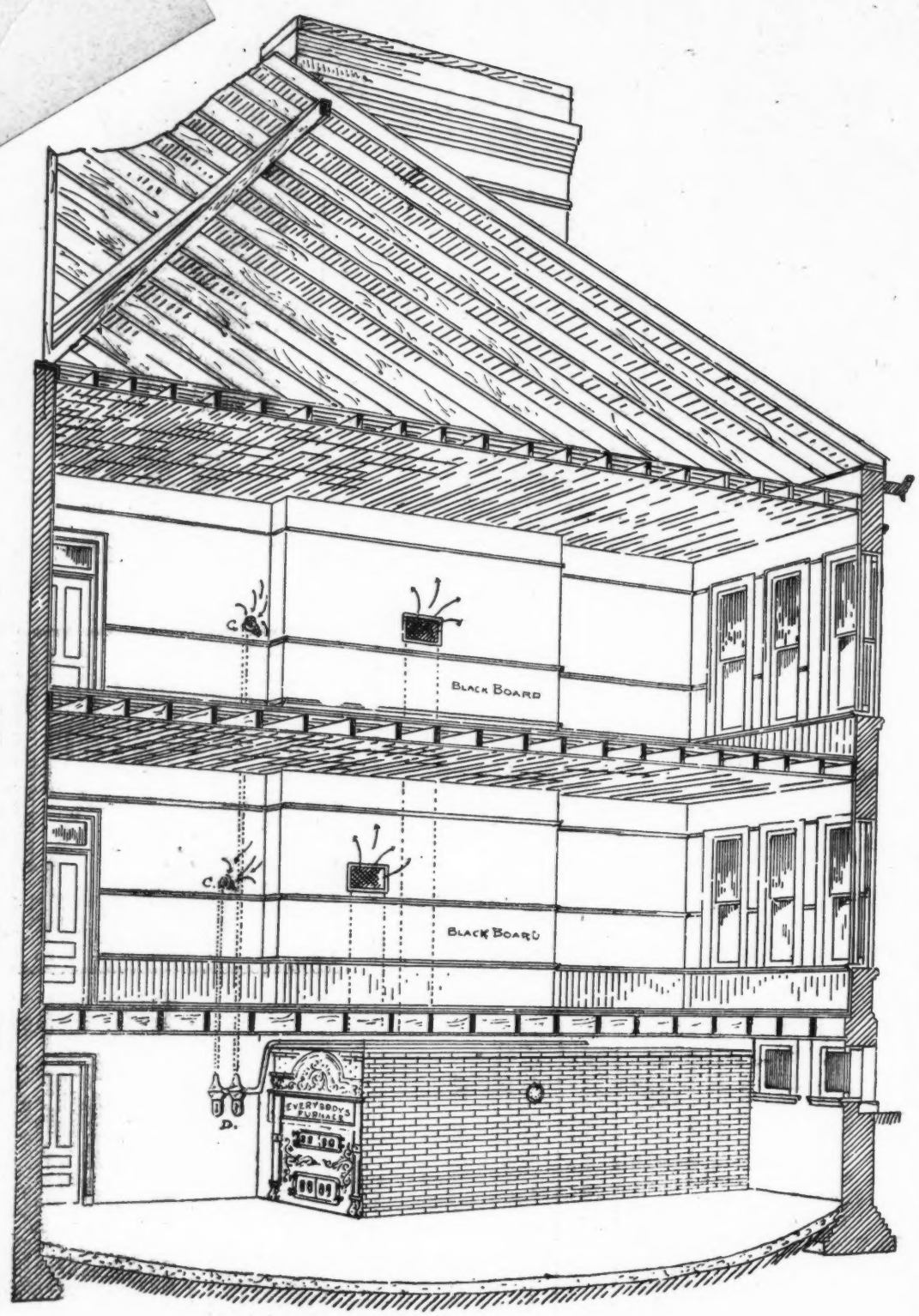

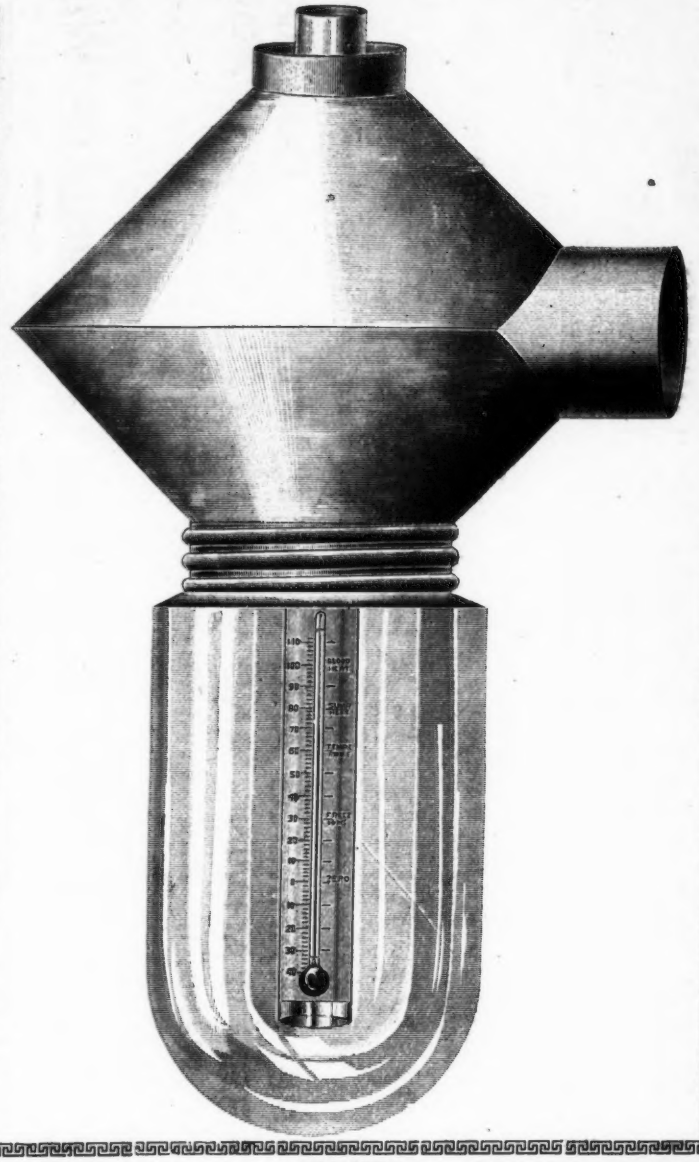

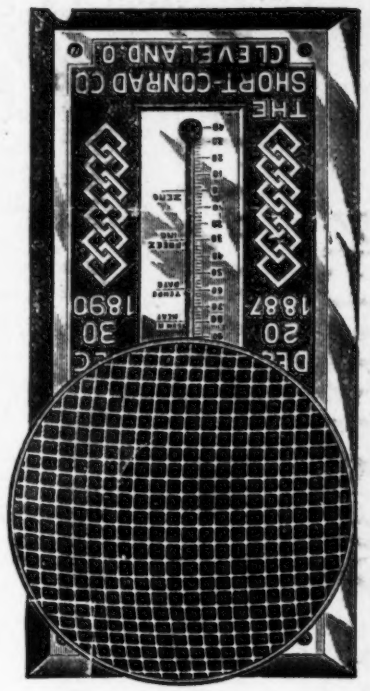

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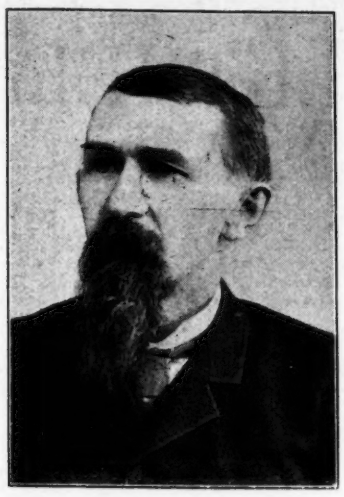

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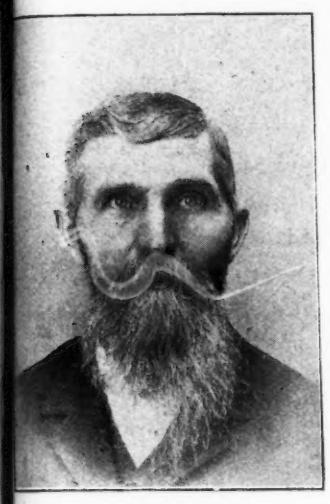

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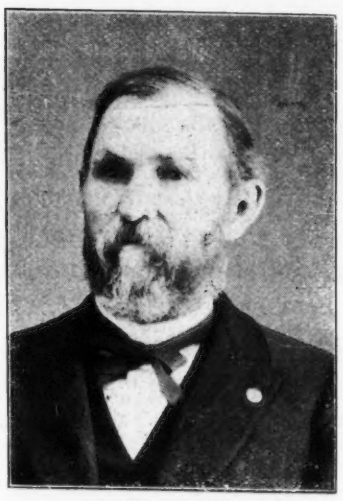

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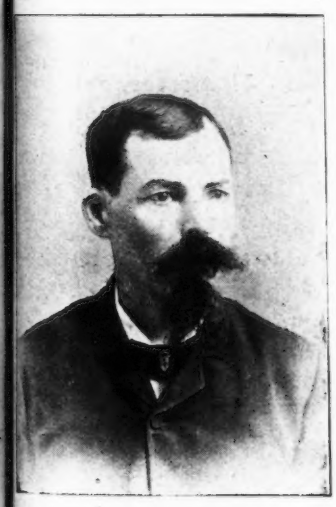

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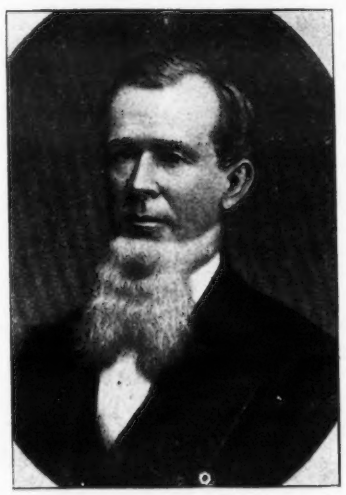

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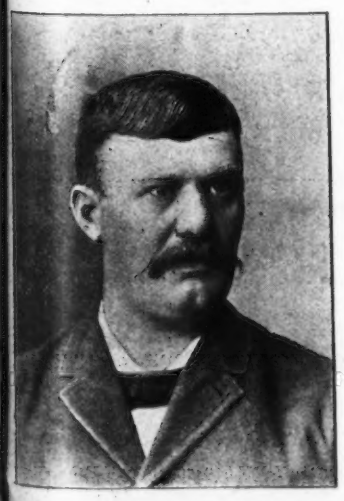

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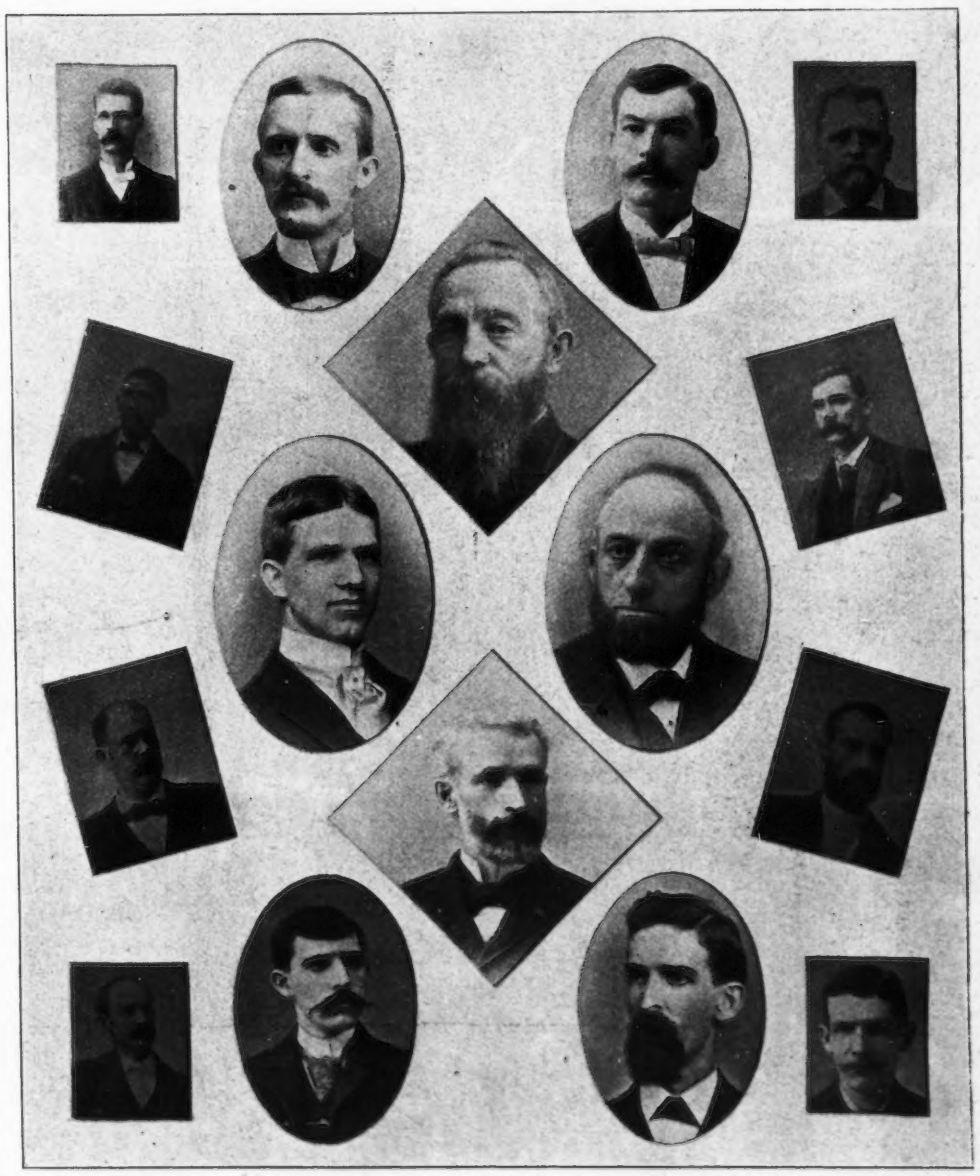

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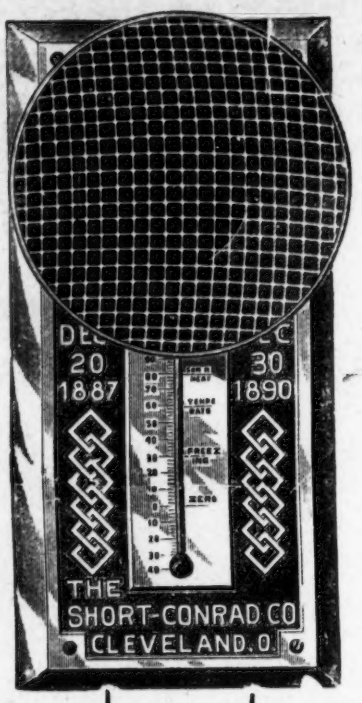

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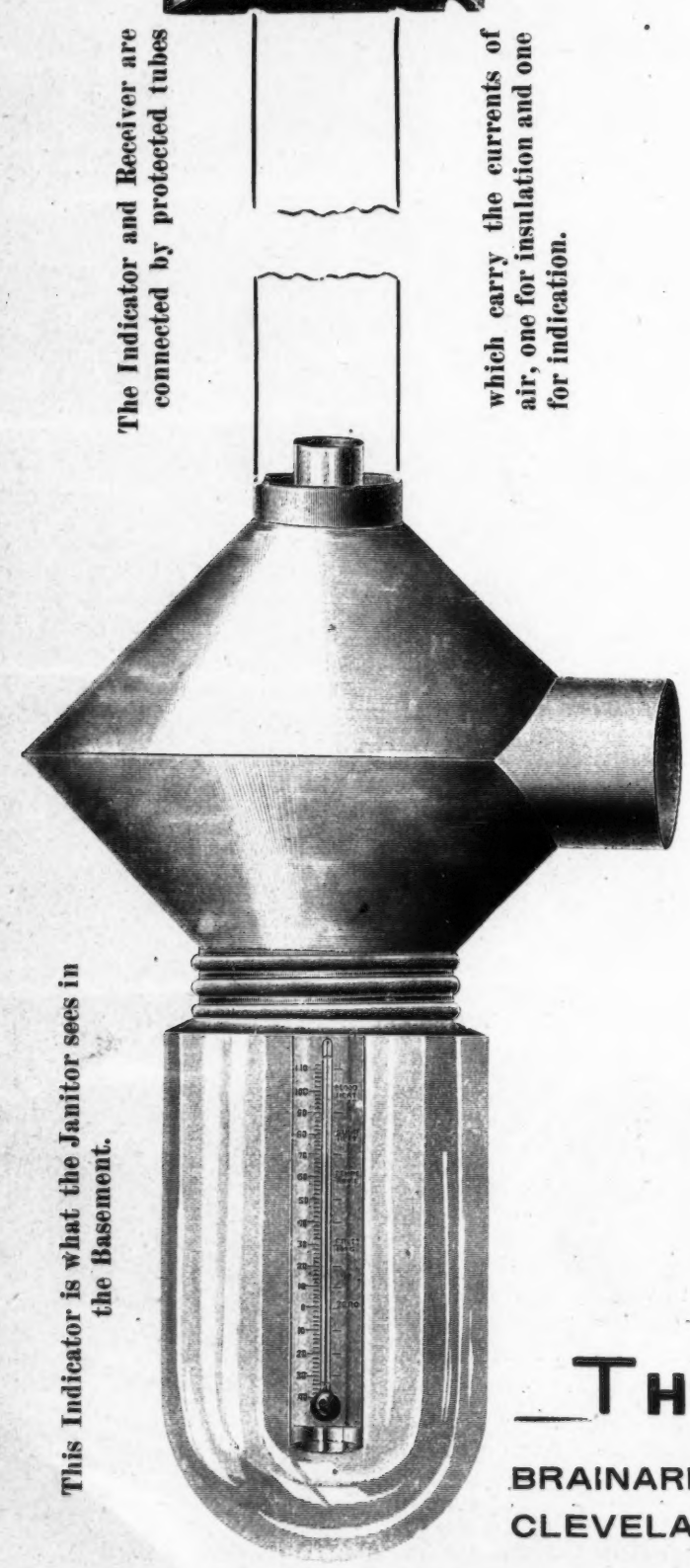

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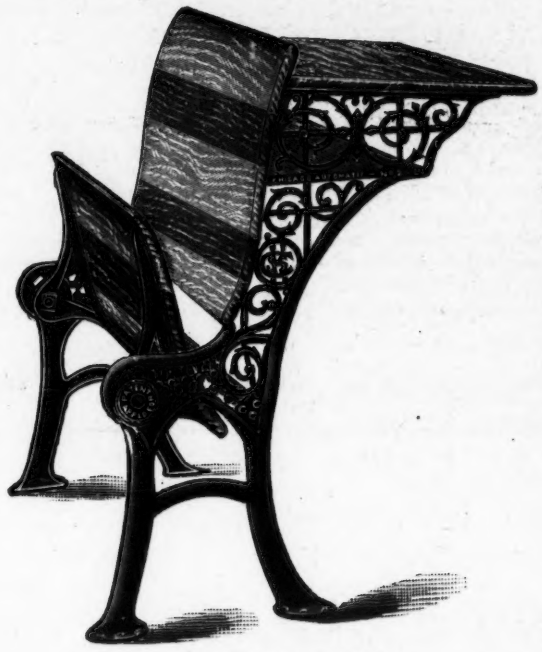

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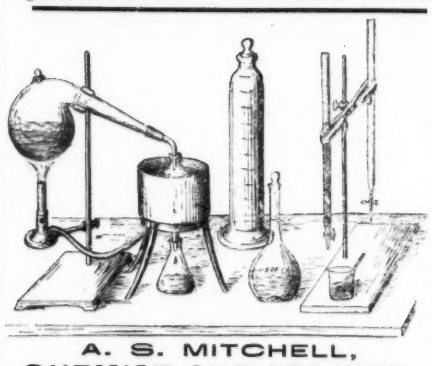

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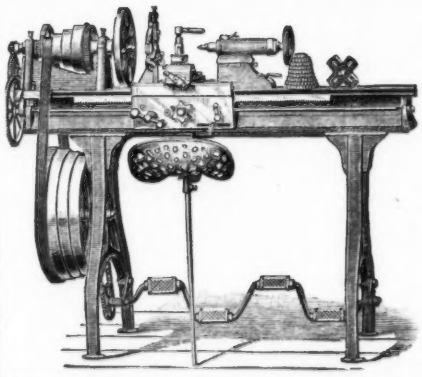

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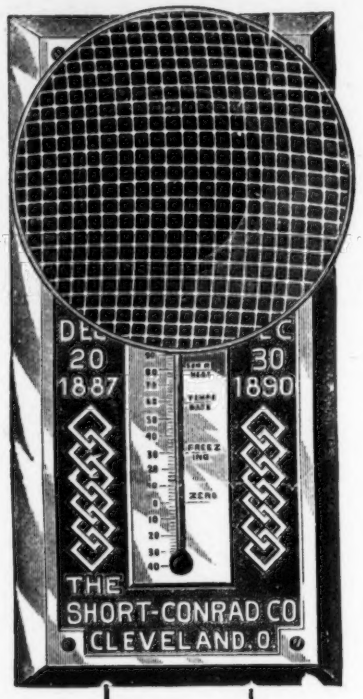

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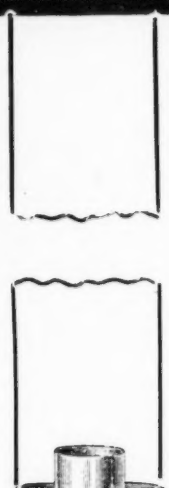

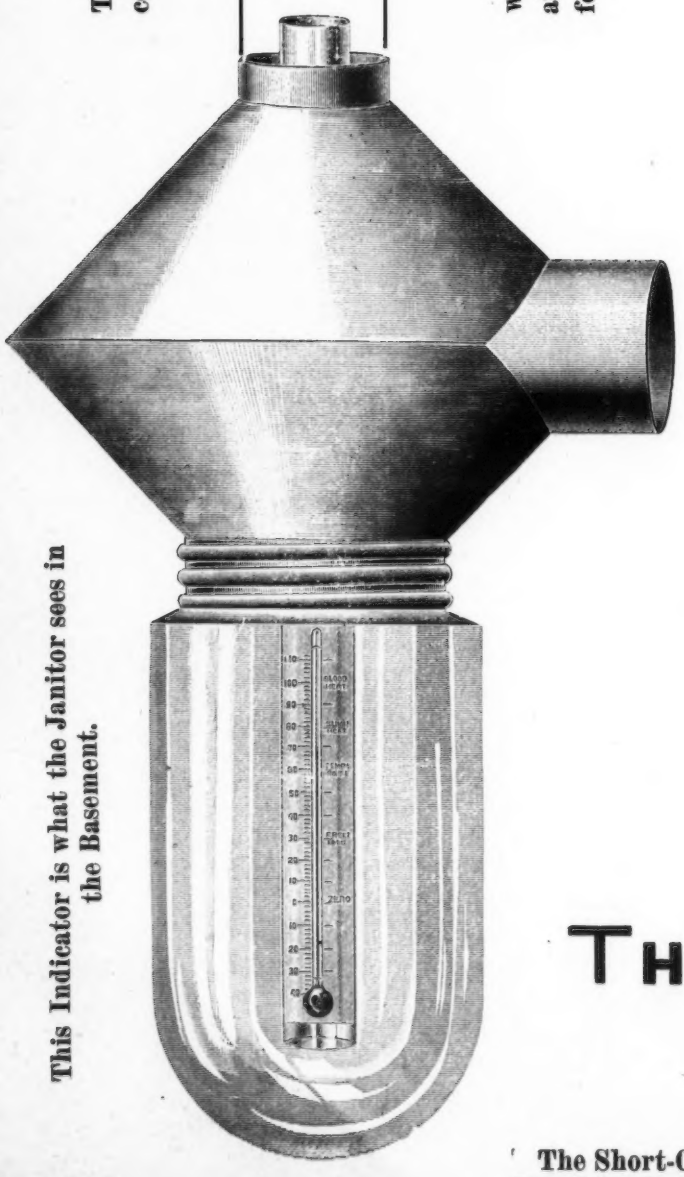

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